KENWOOD

Listen to the Future

ADVANCED WIRELESS COMMUNICATIONS

TK-2140/3140

VHF/UHF FM Portable Radios

FleetSync® by KENWOOD

GENERAL FEATURES

- 5 W (136-174 MHz)
- 4 W (450-490, 470-512, 400-430 MHz)
- 32 Conventional & LTR® Systems[1]
- 10 Character Alphanumeric Aliases
- Lighted Dot Matrix LCD
- 3-Digit Sub-Display
- Function / Status LCD Icons
- Transmit / Busy / Call Alert / Warn LED
- 4 Front Panel PF keys
- 2 Side PF Keys
- Orange Emergency / AUX Key
- 500 mW Speaker Audio
- Companded Audio
- Emergency Call Features
- DTMF Encode / Decode[2]
- Time Out Timer
- Busy Channel Lockout
- LCD Battery Status Indicator
- Low Battery Alert
- Battery Saver
- Weather-sealed ACC Connector
- MIL-Spec Speaker Mic Option
- Windows® Programming & Tuning[3]
- Windows® Firmware Uploading[3]
- Front Panel Test / Tune
- Cloning
- MIL-STD-810 C/D/E/F
- MIL-STD "Driven-Rain"
- Intrinsically Safe Option

CONVENTIONAL SYSTEMS

- 250 Channels
- QT / DQT
- Two-Tone Decode[4]
- Operator Selectable Tone[4]
- Single Priority Scan
- Single & Multi-Group Scan

TRUNKED SYSTEMS

- 250 GID
- Kenwood LTR® Features[5]

FleetSync®

- PTT ID Digital ANI
- Selective Call & Group Call
- Status Messaging
- Emergency Status
- Caller ID Display
- Short Text Messages[6]

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Dallas, TX
800 471-8648

Canada
800 232-6811

I.S. EN ISO 9001

ADTRAN is an ISO 9001 registered company.

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61242.052L1-8A May 1998
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Product Specifications

DSX-1 INTERFACE
- *Interface Type:* 4-wire (Tx pair and Rx pair)
- *Operating Mode:* Full Duplex
- *Maximum Data Rate:* 768 kbps (12 channels x 64 kbps)
- *Line Equalization:* 0-655 feet
- *Line Code:* AMI, B8ZS
- *Framing:* D4 ESF
- *Line Impedance:* 100Ω

CHANNEL BANK FACILITY INTERFACE
- Fully compatible with D4 channel bank equipment

CLOCK SOURCES
- Derived from channel bank

DIAGNOSTICS
- Self Test
- Near Loopback
- Far Loopback

ENVIRONMENT
- *Operating (standard):* –40° to +70°C
- *Storage:* –40° to +85°C
- *Relative Humidity:* Up to 95% non-condensing

PHYSICAL CHARACTERISTICS
- *Dimensions:* 4.4" H, 1.4" W, 10" D
- *Weight:* 8 ounces, nominal
- Plugs into AT&T D4, SLC-96, or ADTRAN ACT 1241 customer premises bank
- *Power:* 5 Volts: 100µ max
- *–48 Volts:* 40 mA max
- *Total Power:* 2.0 W max

FACEPLATE INDICATORS
- The FT1-TDM has four faceplate LEDs which indicate operational status

FACEPLATE SWITCHES
- Two DIP switches are located on the FT1-TDM faceplate. Use these to activate and deactivate far end loopback and near end loopback. Use the twelve-position rotary switch to select the number of channels to be used.

Ordering Information

EQUIPMENT	PART #
FT1-TDM	1242052L1

Specifications subject to change without notice.

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Safety Information and Useful Tips

Safety Information

- Disconnect mains plug when :
  - the red light below the TV screen is flashing continuously.
  - a bright white line is displayed across the screen.
  - cleaning the TV screen. Never use abrasive cleaning agents. Use a slight damp chamois leather or soft cloth.
  - there is a lightning storm.
  - the set is left unattended for a prolonged period of time.
- No naked flame sources, such as lighted candles, should be placed on top of the TV or in the vicinity.
- Do not place your TV set under direct sunlight or heat.
- Leave at least 5 cm around each side of TV set to allow for proper ventilation.
- Avoid placing your set (e.g. near the window) where it is likely to be exposed to rain or water.
- No objects filled with liquids should be placed on top the TV so as to avoid dripping or splashing of liquids on the set.

Useful Tips

- Do not leave your set on standby mode for a prolonged period of time. Switch off set to allow it to be demagnetised. A demagnetised set supports good picture quality.
- Do not shift or move the set around when it is switched on. Uneveness in colour in some parts of the screen may occur.
- Never attempt to repair a defective TV yourself. Always consult a skilled service personnel.

1-4_21PT1323/71/E 3 05/14/03, 5:35 PM

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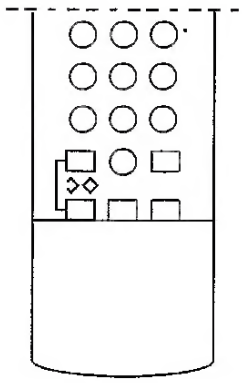
Auto Programming



The Auto Programming function can be used to find and store all available channels quickly. Channels are stored on program numbers in tha same sequence as they are found.
After Auto Programming is started, the TV starts searching for a channel. If a channel is found, it will be automatically stored on program number 1. Searching will start again automatically. If another channel is found, it will be storad on program 2, etc.

Your TV can receive different TV systems. With Auto Programming the TV searches automatically through all TV systems and stores all TV channels available.
The TV systems are automatically selected as in the following sequence and channels in those TV systems are searched for automatically:

1 - TV system FRANCE (SECAM L L')
2 - TV system EUROPE (PAL/SECAM BG)
3 - TV system UK (PAL I)

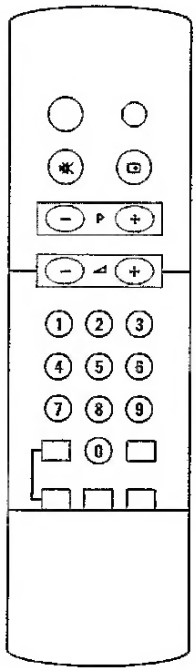
At the end of the Auto Programming cycle the TV switches to program 1.

- Press simultaneously the two ◇◇ buttons longer than 4 seconds to start the Auto Programming.

The Auto programming is stopped by pressing simultaneously the two ◇◇ buttons.

Operation

On Screen Display



The On Screen Display information allows you to see the program number on which a TV channel is stored, the timer status, end a moving bar if the volume is adjusted.

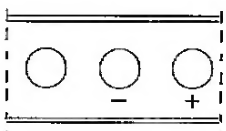
- Press ⊡ to display information on the screen.
- Press ⊡ again to switch off information.

Selecting TV channels

- Press P — or + or press one or two digit buttons on the remote control.
To select a program number from 0 to 9 press one digit button. To select a program number from 10 to 59 you must press two digit buttons in less than 4 seconds.

or

- Press — or + on the TV.



Volume control

- Press ◿ — or + on the remote control.

Interrupting the sound

- Press 🔇 to switch off the sound.
- Press 🔇 again or ◿ + to switch on the sound.

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Safety notes for memory card

- Do not drop the memory card or allow it to hit solid objects to avoid damaging it.
- Do not attempt to disassemble or repair the memory card.
- Do not expose the memory card to water. Always keep it dry.
- Do not remove the memory card when the camera is turned on. Otherwise, the memory card could be damaged.
- Do not directly edit the data on the memory card. Copy the data to your PC before you edit them.
- When the camera is stored for a long period of time, be sure to download your photos and remove the memory card. Store it in a dry environment.
- Format the memory card using the camera before you use it or insert a new one.
- We suggest buying only well-known, name brand memory cards to ensure peak performance.
- Do not modify the name of the files or folders of the memory card using your PC. Modifying the file names may cause the files to not be recognized on the camera or a possible error may occur.
- A photo taken with the camera will be stored in the folder that is automatically generated on the SD card. Do not store photos that are not taken using this camera in these folders as the pictures cannot be recognized during the playback.
- When you insert a memory card, make sure the notch of the card matches the markings on the top of the card slot.

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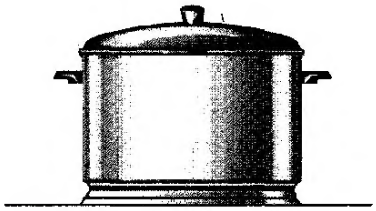
Using the hotplates

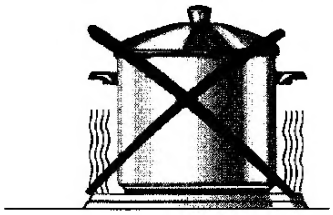
The correct utensils

Always use pans with a flat base. Uneven pots and pans do not absorb the heat from the cooking zone properly, thus prolonging cooking times and causing permanent discolouration of the hob. For the same reason you should not use pans which are too small, but ones which are the same size as the cooking zone.

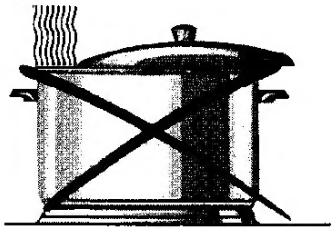
Always make sure the pan is placed on top of the cooking zone marks.



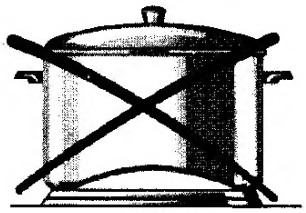
This is the correct pan. It has a thick, flat base which efficiently absorbs heat from the cooking zone and therefore protects it from overheating. It is larger than the cooking zone and protects it, like an umbrella, from spillage.



This pan is too small and wastes heat. Moreover, any spillage burns on the hob surface and is then very difficult to remove.



Do not put wet pans or steaming lids on cooking zones that are not in use. Water and steam inevitably produce calcareous deposits.



Never use pans with a thin, distorted base. They cause the cooking zone to overheat. The ideal pans have thick, flat bottomed bases.

The more suitable the utensil the more satisfactory the results will be. It is false economy to buy cheap utensils. Good quality utensils save power as they permit lower settings.

The important consideration in the quality of the pan in relation to hotplates is the pan base and not – as is frequently assumed – the material from which the pan is made. The pan base should be as thick and as flat as possible. Ideal are sandwich bases (triple layer) which conduct the heat best.

Additional information concerning the Halogen hotplates

When using the Halogen plates avoid pans with shiny bases as they reflect the heat. This will result in the plate cycling on and off fairly frequently, extending cooking times.

Hints for cooking on the hotplates

- The ceramic glass is extremely resistant and strong, capable of withstanding light or moderate impacts without damage – but not unbreakable. Pointed and hard objects falling on the cooking area may damage it.

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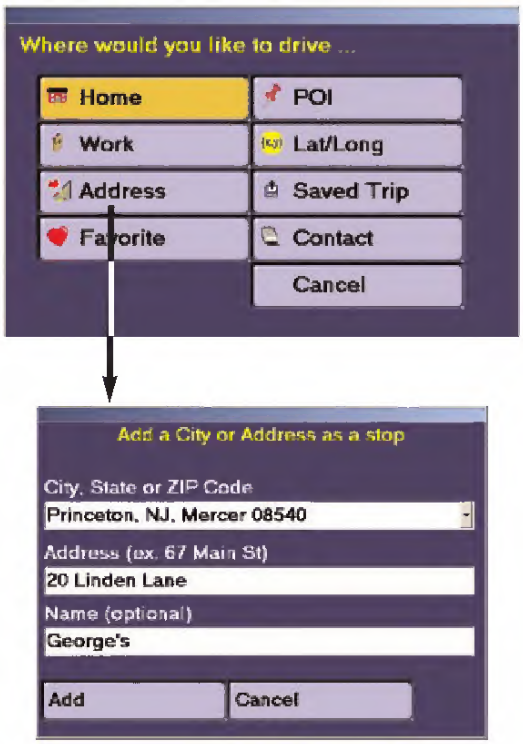
7. Enter a destination

NOTE: There is no need to enter a starting point. CoPilot uses GPS positioning to determine your location automatically.

In the Guidance screen, click **Destination** to enter an address. Then click **Address** to enter a city name and state/country abbreviation or a postal code, and a street address.



Enter a city name and state or country abbreviation separated by a comma and space (e.g. "**princeton, nj**" or "**paris, fr**" or "**sydney, nsw**"), then hit the **Enter** key on your keyboard . For more specific guidance you can also type a **street address**, with or without a building number (e.g. **158 nassau st**), and hit the **Enter** key.

TIP: Usually you will need to spell out words like "Saint", "Mount", "Fort", etc. Place names generally need to be spelled out: "**John F. Kennedy International Airport**" instead of "**JFK Airport**". If you have problems finding an address, try different ways of spelling words and/or place names.

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Power saving

The monitor will be driven into Power Saving" mode by the control signal from the display controller, as indicated by the amber-color power LED.

State	LED Light
ON	Blue
Power Saving Mode	Orange

The power saving states will be kept until a control signal has been detected or the keyboard or mouse is activated. The recovery time from Active OFF state back to ON state is around 3 seconds.

DDC

To make your installation easier, the monitor is able to Plug and Play with your system if your system also supports DDC protocol. The DDC (Display Data Channel) is a communication protocol through which the monitor automatically informs the host system about its capabilities, for example, supported resolutions and corresponding timing. The monitor supports DDC2B standard.

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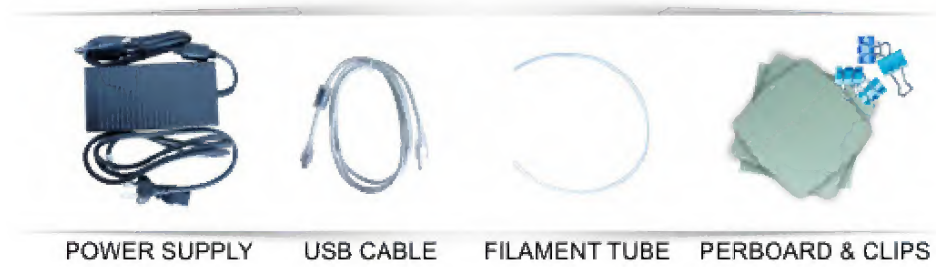
Figure 3. Accessories

PARTS



TOOLS

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1- Top Lid with Air outlets

2- Grooves

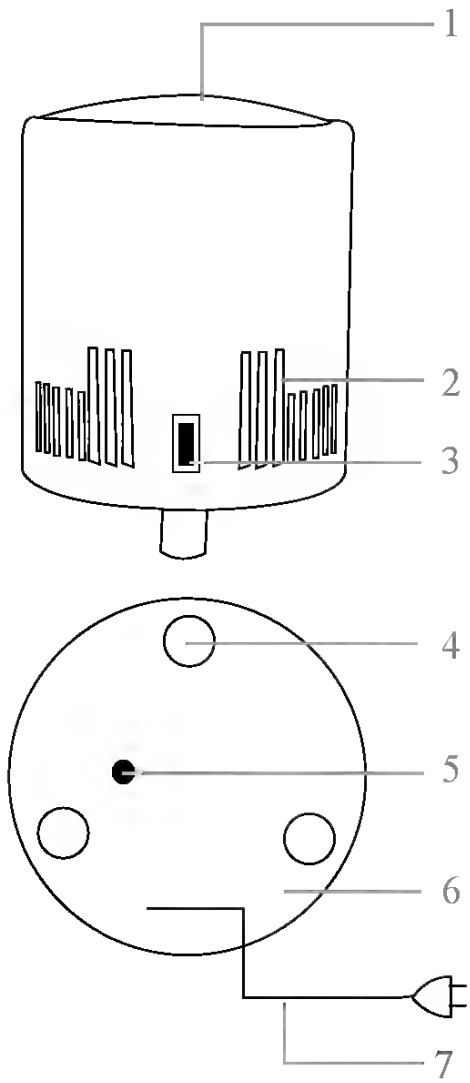
3- On/Off Led

4- Feet

5- Fuse

6- Bottom lid

7- Power Cord



Airfree AIR PURIFIERS

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Otherwise, click **Next**. Files are automatically copied, then the *Setup Complete* screen appears.

12. Remove the Mouse Suite software CD from the driver.

13. Select **Restart my computer now** and **Finish** to activate the mouse settings.

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Informationen zu Sicherheit und Komfort

Lesen Sie sorgfältig diese Anweisungen. Heben Sie das Dokument für einen späteren Gebrauch auf. Befolgen Sie alle auf dem Produkt befindlichen Warnungen und Anweisungen.

Auf die Stromversorgung achten

Die Stromversorgung des Gerätes muss mit der Angabe auf dem Typenschild übereinstimmen. Sind Sie sich hinsichtlich der Spezifikationen Ihres Stromnetzes unsicher, dann nehmen Sie bitte mit Ihrem Händler oder Stromanbieter Kontakt auf.

Instandsetzen des Produkts

Versuchen Sie niemals das Produkt in eigener Regie zu reparieren. Durch Öffnen des Gehäuses setzen Sie sich Hochspannung und anderen Gefahren aus. Überlassen Sie die Reparatur qualifiziertem Kundendienstpersonal.

Weitere Sicherheitshinweise

- Blicken Sie niemals direkt in das Objektiv des Projektors, wenn die Lampe eingeschaltet ist. Das helle Licht kann Ihren Augen schaden.
- Verwenden Sie das Gerät nicht in folgenden Umgebungen:
  - Eine Stelle, wo es eine hohe Feuchtigkeit, übermäßig Staub oder Zigarettenrauch gibt. Dies kann die optischen Komponenten verschmutzen, die Standzeit des Gerätes verkürzen und das Bild verdunkeln.
  - Eine Stelle, deren Umgebungstemperatur über 40 °C/104 °F beträgt.
- Trennen Sie unverzüglich den Projektor vom Netz, wenn irgendetwas mit ihm nicht stimmt. Betreiben Sie das Gerät nicht, wenn der Projektor Rauch, komische Gerausche oder Geruch abgibt. Ein Brand oder elektrischer Schlag kann die Folge sein. Trennen Sie in diesem Fall unverzüglich den Projektor vom Netz und nehmen Kontakt mit Ihrem Händler auf.
- Richten Sie das Projektorobjektiv nicht auf die Sonne. Ein Brand kann die Folge sein.
- Blicken Sie nicht während des Betriebs des Projektors in das Luftaustrittsgitter. Dies kann Ihren Augen schaden.

Anweisungen zur Entsorgung

Entsorgen Sie das elektronische Gerät nicht mit dem Hausmüll zusammen. Bitte recyceln Sie das Gerät, um die Umweltbelastung zu minimieren und die Umwelt zu schützen. Für weitere Informationen zu den Regelungen über Elektro- und Elektronik-Altgeräte (WEEE) besuchen Sie bitte http://www.acer-group.com/public/Sustainability/sustainability01.htm

Bestimmungen und Sicherheitshinweise

FCC-Erklärung

Dieses Gerät wurde geprüft und hat sich als mit den Grenzwerten für ein Digitalgerät der Klasse B gemäß Teil 15 der Bestimmungen der amerikanischen Bundesbehörde für das Fernmeldewesen FCC (Federal Communications Commission) konform erwiesen. Diese Grenzwerte geben einen angemessenen Schutz gegen schädliche Funkstörungen innerhalb von Wohngebäuden. Dieses Gerät erzeugt und verwendet Funkfrequenzenergie, die ausgestrahlt werden kann und bei unsachgemäßer, nicht der Anleitung des Herstellers entsprechender Installation und Verwendung schädliche Störungen des Rundfunkempfangs verursachen kann. Es gibt jedoch keine Garantie, dass bei einer bestimmten Installation keine Störungen auftreten. Kommt es durch das Gerät zu Störungen im Radio- oder Fernsehempfang, was sich durch Ein- und Ausschalten des Geräts überprüfen lässt, sollte der Benutzer versuchen, die Störung durch eine oder mehrere der folgenden Maßnahmen zu beheben:

- Richten Sie Ihre Empfangsantenne neu aus, oder stellen Sie sie an einem anderen Ort auf.
- Vergrößern Sie den Abstand zwischen dem Gerät und dem Empfänger.
- Schließen Sie das Gerät an eine Steckdose an, die nicht von demselben Stromkreis wie die Steckdose des Empfängers versorgt wird.
- Wenden Sie sich an den Händler oder einen erfahrenen Radio-/Fernsehtechniker.

Hinweis: Abgeschirmte Kabel

Um weiterhin die Anforderungen der FCC-Bestimmungen zu erfüllen, müssen abgeschirmte Kabel bei allen Verbindungen mit anderen Computergeräten verwendet werden.

Hinweis: Peripheriegeräte

Nur die Peripheriegeräte (Ein-/Ausgabegeräte, Endgeräte, Drucker etc.), die für die Konformität mit den Klasse B-Grenzwerten zertifiziert wurden, dürfen mit diesem Gerät verbunden werden. Der Betrieb mit nicht zertifizierten Peripheriegeräten kann Störungen im Radio- oder Fernsehempfang verursachen.

Achtung

Durch Änderungen oder Modifikationen, die nicht ausdrücklich von dem Hersteller genehmigt wurden, kann die von der Federal Communications Commission erteilte Geräteb etriebsbefugnis des Benutzers ungültig werden.

Betriebsbedingungen

Dieses Gerät erfüllt alle Anforderungen des Teils 15 der FCC-Bestimmungen. Der Betrieb unterliegt den folgenden zwei Bedingungen: (1) Das Gerät darf keine schädlichen Störungen verursachen. (2) Das Gerät muss störfest gegen aufgenommene Störungen sein. Das betrifft auch solche Störungen, die unerwünschte Betriebszustände verursachen konnten.

Hinweis: Für Benutzer in Kanada

Dieses Digitalgerät der Klasse B erfüllt alle Anforderungen der kanadischen Bestimmungen ICES-003.

Remarque à l'intention des utilisateurs canadiens

Cet appareil numénque de la classe B est conforme a la norme NMB-003 du Canada.

CE-Konformitätserklärung

Hiermit erklären wir, dass das obige Produkt mit den grundlegenden Anforderungen und anderen relevanten Abschnitten der EMV-Richtlinie 2004/108/EG, der Niederspannungsrichtlinie 2006/95/EG, der RoHS-Richtlinie 2011/65/EU und der Richtlinie 2009/125/EG zur Schaffung eines Rahmens für die umweltgerechte Gestaltung energieverbrauchsrelevanter Produkte übereinstimmt.

EAC UA TR 002

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Regulatory Information

For your protection, this product has been tested for conformance to various national and international regulations and standards. The scope of this regulatory testing includes electrical and mechanical safety, electromagnetic emissions, immunity, acoustics and hazardous materials.

When required, approvals are obtained from third party test agencies. Approval marks appear on the product label. In addition, various regulatory bodies require some information under the headings listed in this section.

Safety

This product has not been evaluated for connection to an "IT" power system (ac distribution system having no direct connection to earth according to IEC 950).

Locate the AC outlet near the computer! The ac power cord is this product's main ac disconnect device and must be easily accessible at all times.

Battery Notice

This product contains a Lithium battery.

This battery is not to be removed or replaced by the user. If the battery needs to be replaced, contact your Hewlett-Packard authorized service personnel.

CAUTION Lithium batteries may explode if mistreated. Do not recharge, disassemble, or dispose of in a fire.

Please properly recycle all used batteries.

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10. RESOLUCIÓN DE PROBLEMAS

LA CALIDAD DE SONIDO DE LAS CINTAS ES BAJA

– *Hay polvo o suciedad en las cabezas, el cabrestante o el rodillo de presión*
• Limpie las cabezas etc.; consulte "Mantenimiento"

– *Está utilizando tipos de cinta incompatibles con este equipo (METAL o CHROME)*
• Utilice únicamente cinta NORMAL (IEC tipo I) para grabar

LA GRABACIÓN NO FUNCIONA

– *Es posible que las pestañas protectoras de la cinta estén rotas*
• Coloque un trozo de cinta adhesiva sobre el espacio de la pestaña que falta

EL MANDO A DISTANCIA NO FUNCIONA CORRECTAMENTE

– *Las baterías del mando a distancia no están colocadas correctamente*
• Coloque las baterías correctamente

– *Las baterías del mando a distancia están gastadas*
• Cambie las baterías

– *La distancia que le separa del equipo es excesiva o el ángulo no es adecuado*
• Reduzca la distancia o el ángulo

ZUMBIDO O RUIDO INTENSO

– *El equipo se encuentra demasiado cerca del televisor, del vídeo o del amplificador*
• Aumente la distancia

Español

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The NVRAM does not require a back up battery so that you can eliminate the threat of data loss due to a dead battery, as well as avoid hardware damage due to electrolyte leakage

2.10 Factory Default Profile (FDP)

The FDP is the default configuration profile stored in your modem read-only memory (ROM), which can not be modified by the user. The FDP is intended for rescuing the modem in case the user misconfigures the modem settings.

To display the FDP, use command &F to place the profile into the active configuration area (ACA), then issue AT&V. Note that some modems may have more than one built-in FDP, in which case, each FDP serves as the default for a particular application requirement.

2.11 Stored Configuration Profile (SCP)

The SCP is the configuration profile stored in the NVRAM of the modem to be retrieved for later use.

Initially the factory sets the SCPs identically to the FDPs. To view all the SCP configurations, issue command &V. note that once an SCP is selected and loaded into ACA, it becomes the major SCP and provides the control characteristics of the modem.

If you hav edited the ACA and wish to write it to an SCP, issue a &W command. The modified configuration profile overwrites the original SCP and becomes the new SCP.

For information on the SCPs of your particular modem, refer to your Getting Started manual.

2.12 Major Stored Configuration Profile (Major SCP)

The major SCP is the SCP that is loaded into the ACA each time the modem is turned on or reset by ATZ. To designate an SCP as the major SCP, issue &Y followed by the SCP number. For example, issuing &Y1 designates SCP1 as the major SCP.

2.13 Active Configuration Area (ACA)

The ACA is a portion of the random-access-memory (RAM) in your modem that holds the configuration settings that determine the modem current operating characteristics.

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Text Conventions

This document uses the following conventions to distinguish elements of text:

User Input, GUI Selections	Text a user types or enters appears in boldface. Items a user selects from a GUI, such as tabs, buttons, or menu items, also appear in boldface. User input and GUI selections can appear in uppercase and lowercase letters.
File Names, Command Names, Directory Names, Drive Names	These elements can appear in uppercase and lowercase letters.
Menu Options, Dialog Box Names	These elements appear in initial capital letters and may appear in bold for emphasis.
Type	When you are instructed to *type* information, type the information **without** pressing the **Enter** key.
Enter	When you are instructed to *enter* information, type the information and then press the **Enter** key.

Symbols in Text

These symbols may be found in the text of this guide. They have the following meanings:

WARNING: Text set off in this manner indicates that failure to follow directions in the warning could result in bodily harm or loss of life.

CAUTION: Text set off in this manner indicates that failure to follow directions could result in damage to equipment or loss of information.

IMPORTANT: Text set off in this manner presents clarifying information or specific instructions.

NOTE: Text set off in this manner presents commentary, sidelights, or interesting points of information.

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- **Einschaltlautstärke**
  Diese Funktion legt den Lautstärkewert fest, der mit dem Einschalten des Fernsehgerätes gelten soll.
  Einstellung mit Cusor-Tasten „links“ bzw. „rechts“.

- **Weck-Alarm Lautstärke**
  Bestimmt die Lautstarke des Wecker Signals.
  Einstellung mit Cusor-Tasten „links“ bzw. „rechts“.

- **Einschaltprogramm**
  Legt fest, mit welchem Programm das Gerät nach dem Einschalten als Standard startet.

- **Power On**
  „EIN“ verhindert das ungewollte Abschalten des Gerätes, solange die Netzspannung nicht unterbrochen wird. „AUS“ bedeutet, daß nach einer Netzunterbrechung wieder in den vorherigen Status zurückgekehrt wird (ON oder Standby).

- **Sofort Umschalten**
  In Stellung „NEIN“ wartet das Gerät nach Eingabe der 1. Ziffer auf die Eingabe einer 2. Ziffer, bis zum Ablauf der unter „Verzögerung“ eingestellten Zeit. Bei „JA“ wird sofort auf Programme 1-9 umgeschaltet.

- **Verzögerung**
  Bestimmt das Zeitfenster in Sekunden, nachdem das Gerät davon ausgehen kann, daß keine 2. Ziffer zur Programmwahl folgt und die Umschaltung vorgenommen werden kann.

- **Programmanzeige**
  Welche Programminformationen sollen auf dem Bildschirm eingeblendet werden:
  „Speicherplatz-Nummer“ oder „Programm-Name“ oder „Name+Nummer“ oder „keine Einblendung“?

- **Nahbedienung aus**
  Zum Schutz gegen unbefugte Bedienung, sind die Tasten an der Front des Gerätegehäuses abschaltbar.
  Bei „JA“ können Einstellungen nur mittels Fernbedienung verändert werden.

- **Progr. Schutz aufheben**
  Ist „Progr. Schutz aufheben“ auf „JA“ gestellt, werden alle geschützten Programme frei zugänglich.
  In Stellung „NEIN“ können diese Programme zwar aufgerufen, aber weder gehört noch gesehen werden.

- **ESP**
  Die **E**nergy **S**aving **P**rogrammability dient zur Einsparung von Energie, indem ein Zeitfenster (zwischen 00 und 99 Std.) für den ununterbrochenen Betrieb definiert wird. Danach schaltet das Gerät automatisch ab.

- **Interface** (nur bei SmartCard TV System Geräten)
  Bestimmt, ob das Gerät mit einem in den SmartCard-TV Slot eingesteckten DCM-Interface kommunizieren soll oder nicht.
  (DCM: Data Communication Module)

- **Audio / Video Stumm**
  Für den Fall, daß keine verwertbaren Signale empfangen werden, kann bestimmt werden, ob Ton und Bild „stumm“ geschaltet und entweder abgeschaltet bzw. ein schwarzer oder blauer Bildschirm gezeigt wird.

- **Auto SCART**
  Soll bei anliegen eines Signals an der Euro-AV-Buchse automatisch auf diese umgeschaltet werden?

- **Willkommens-Gruss**
  Hier kann Ihr Willkommens-Gruss eingegeben werden, der nach Einschalten des Gerätes für 20 Sek. angezeigt wird. Die Cursor-Tasten „links“/ “rechts“ führen zu den Schreibstellen, mit ▲ bzw. ▼. kann das Schriftzeichen (2 Zeilen a´ 20 Zeichen) gewählt werden. Mit der Taste „Menü“ wird die Funktion verlassen.

- **Programmführer**
  In Stellung „JA“ kann steht eine Liste aller gespeicherten Programme zur Verfügung, die über die Menü-Taste abrufbar ist, vorausgesetzt, die „Programm-Namen“ wurden unter **TV-Installation** gespeichert.

- **OSD-Daueranzeige**
  Sollen Programm-Nr., etc. (siehe **Programmanzeige**) permanent angezeigt werden?
  Dann stellen Sie „JA“ ein. In Stellung „NEIN“ bleibt die Information nur für wenige Sekunden sichtbar.

- **Hohe Sicherheit**
  Wenn das TV-Gerät auf Sicherheit „HOCH“ (für System Anwendungen) geschaltet ist, kann das Installationsmenü nur über eine RG 4172BK Fernbedienung erreicht werden. Die Werkseinstellung ist „NIEDRIG“, wodurch das Installationsmenü mit der normalen Gastfernbedienung und der Eingabe des Sicherheitscodes erreicht werden kann.

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Problem Solving Tips

Picture Problems

Note: Below described problems are all related to the TV settings. The procedures to change the value (or status) of the different settings are described.

No colors / noise in picture

1. Press the MENU button on the remote control.
2. Select the INSTALLATION sub menu.
3. Select and change the SYSTEM setting until picture and sound are correct.
4. Select the STORE menu item.

Colors not correct / unstable picture

1. Press the MENU button on the remote control.
2. Select the INSTALLATION sub menu.
3. Select and change the SYSTEM setting until picture and sound are correct.
4. Select the STORE menu item.

Picture too dark or too bright

Increase / decrease the BRIGHTNESS and / or the CONTRAST value when:

- The picture improves after you have pressed the "Smart Picture" button on the remote control.
- The picture improves after you have switched on the Customer Service Mode

The new "Personal" preference value is automatically stored.

White line around picture elements and text

Decrease the SHARPNESS value when:

- The picture improves after you have pressed the "Smart Picture" button on the remote control.

The new "Personal" preference value is automatically stored.

Snowy picture

- No or bad antenna signal. Connect a proper antenna signal.
- Antenna not connected. Connect the antenna.
- No channel / pre-set is stored at this program number. Go to the INSTALL menu and store a proper channel at this program number.
- The tuner is faulty (in this case the CODES line will contain error number 10). Check the tuner and replace / repair if necessary.

Snowy picture and/or unstable picture

- A scrambled or decoded signal is received.

Black and white picture

Increase the COLOR value when:

- The picture improves after you have pressed the "Smart Picture" button on the remote control.

The new "Personal" preference value is automatically stored.

Menu text not sharp enough

Decrease the CONTRAST value when:
The picture improves after you have pressed the "Smart Picture" button on the remote control.
The new "Personal" preference value is automatically stored.

Sound Problems

No sound or sound too loud (after channel change / switching on)

Increase / decrease the VOLUME level.
Press the Smart Sound button repeatedly to access 4 different types of sound settings and choose your desired setting.

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The AUTO Lack feature is an integratedcircuit that receives and pracesses data sent by braadcasters, ar ather pragram praviders, that cantain pragram cantent advisaries.When pragrammed by the viewer, a TV with AUTO Lack can respand ta the cantent advisaries and black pragram cantent that may be faund abjectianable (such as affensive language, violence, sexual situatians, etc.). This is a great feature ta censar the type af viewing children may watch.

AUTO Lock offers various BLOCKING controls from which to choose:

Access Code - An Access Code must be set to prevent children from unblocking questionable or censored programming set by their parents.

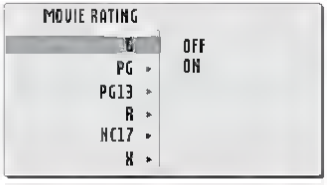
Block Enable - After an access code has been programmed, you can block programming depending on the received rating and user setting.

Movie Ratings - Certain blocking options exist which will block programming based on ratings patterned by the Motion Pictures Association of America.

TV Ratings - Just like the Movie Ratings, programs can be blocked from viewing using standard TV ratings set by TV broadcasters.

HELPFUL HINT

Remember that 0711 is the default AutoLock code. If your access code has been changed by someone other than you (a child, for example) or you have forgotten the code, you can always get in by inputting the default code.



MOVIE RATINGS

G: General Audience - All ages admitted.
Most parents would find this program suitable for all ages. This type of programming contains little or no violence, no strong language, and little or no sexual dialog or situations.

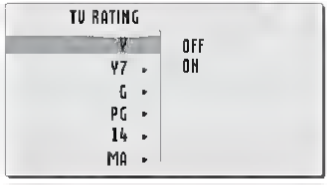
PG: Parental Guidance Suggested - This programming contains material that parents may find unsuitable for younger children. It may contain one or more of the following moderate violence, some sexual situations, infrequent coarse language or some suggestive dialog.

PG-13: Parents Strongly Cautioned -
This programming contains material that parents may find unsuitable for children under the age of 13. It contains one or more of the following: violence, sexual situations, coarse language, or suggestive dialog.

R: Restricted -This programming is specifically designed for adults. Anyone under the age of 17 should only view this programming with an accompanying
parent or adult guardian. It contains one or more of the following: intense violence, intense sexual situations, strong coarse language, or intensely suggestive dialog.

NC-17: No children under the age of 17 will be admitted - This type of programming should be viewed by adults only. It contains graphic violence, explicit sex, or crude, indecent language.

X: Adults Only - This type of programming contains one or more of the following: very graphic violence, very graphic and explicit or indecent sexual acts, and very coarse and intensely suggestive language.



TV RATINGS

TV-Y All children - Appropriate for all children. Designed for a very young audience, including children ages 2-6. This type of programming is not expected to frighten younger children.

TV-Y7 Directed to Older Children - Designed for children age 7 and above. It may be more appropriate for children who can distinguish between make-believe and reality. This programming may include mild fantasy and comic violence (FV or fantasy violence).

TV-G General Audience - Most parents would find this programming suitable for all ages. This type of programming contains little or no violence, no strong language, and little or no sexual dialog or situations.

TV-PG Parental Guidance Suggested -
Contains material that parents may find unsuitable for younger children. This type of programming contains one or more of the following: Moderate violence (V), some sexual situations (S), infrequent coarse language (L), or some suggestive dialog (D).

TV-14 Parents Strongly Cautioned - Contains some material that many parents would find unsuitable for children under age 14. This type of programming contains one or more of the following: intense violence (V), intense sexual situations (S), strong coarse language (L), or intensely suggestive dialog (D).

TV-MA Mature Audience Only - Specifically designed to be viewed by adults and may be unsuitable for children under 17. This type of programming contains one or more of the following: graphic violence (V), explicit sexual situations (S), or crude, indecent language (L).

2. Click Read button [Figure 7]

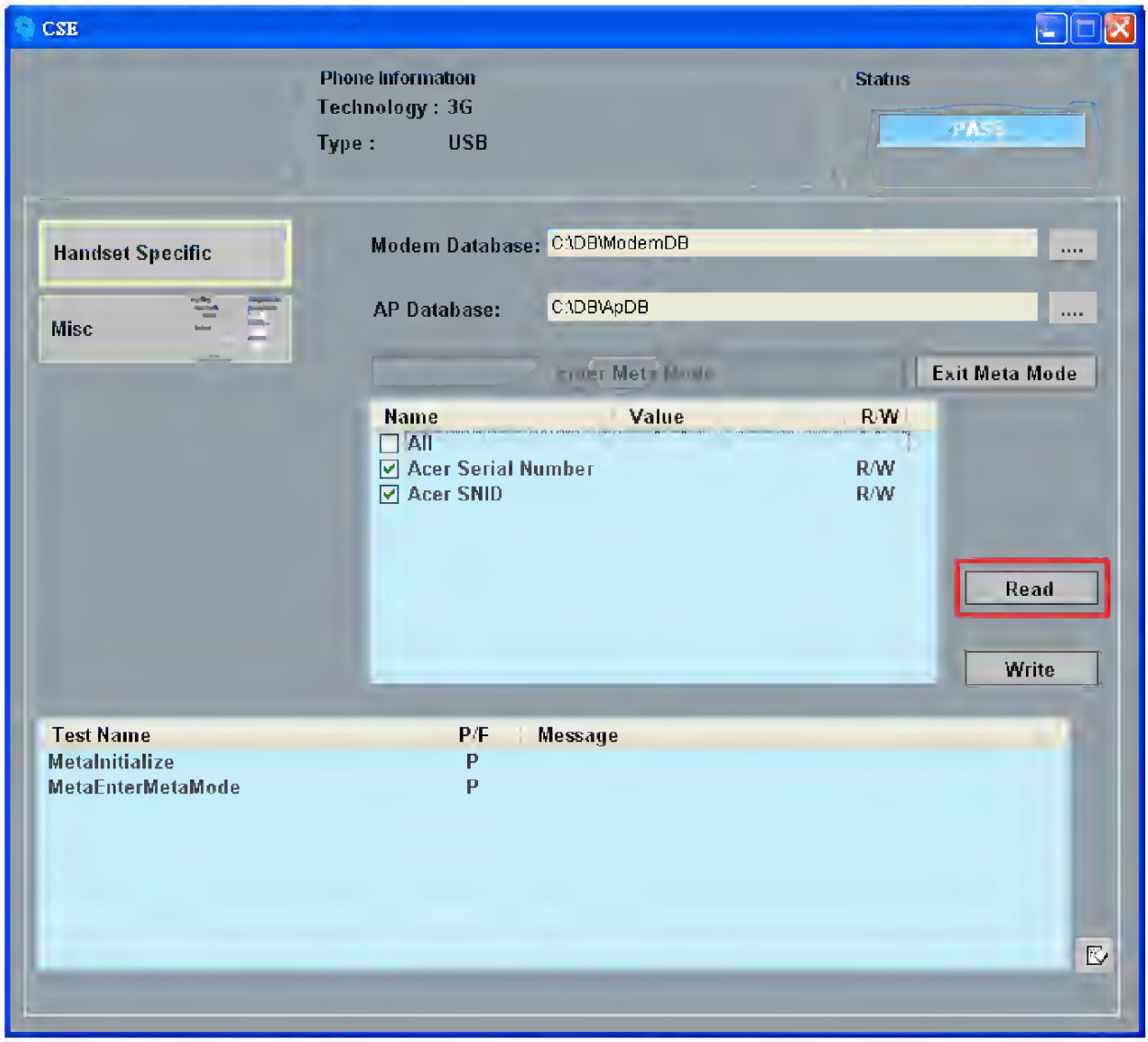


Figure 7. Click Read button

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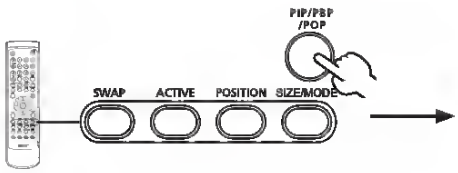
English

Advanced features

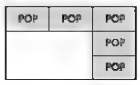
PIP/PBP/POP

- Press the PIP/PBP/POP button once to display activate picture in picture (PIP)
- Press twice to activate picture by picture (PBP)
- Press three times to activate picture on picture (POP) Then, the POP screens will display the TV channel programmes one by one.



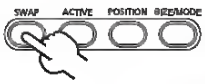
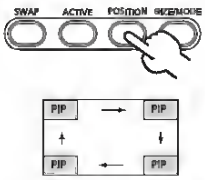
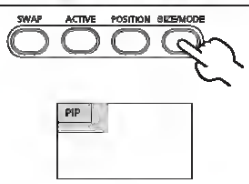
PIP (Picture-in-Picture)

PBP (Picture-by-Picture)



POP (Picture-on-Picture)

1. For a list of the available sources for this feature, please refer to the appendix at the end of this manual.

PIP		1a Press the **ACTIVE** key to toggle between PIP screens
		1b Press the **TV, AV, SCART** or **PC** keys, number keys or **CH** up or down to change the content of the active screen
		2 Press the **SWAP** key to change the content between the primary and the subscreen
		3 Press the **POSITION** key to select the location of the subscreens, from upper left > upper right > lower right > lower left, as shown in the image
		4 Press the **SIZE/MODE** key to select the size of the subscreen, from 25% > 37.5% > 50%, as shown in the image

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H2TU-C Bantam Jacks

The front panel of an H2TU-C module contains both metallic splitting (**EQ**) and monitor (**MON**) bantam jacks.

The **EQ** jacks provide an *intrusive* access point, interrupting signal access to the local loop. This will enable the user to transmit a test signal toward an H2TU-R module and to receive a test signal from an H2TU-R module.

The **MON** jacks, when connected to a bit-error rate test set that is configured for monitor (bridging) mode, provide a *nonintrusive* test access point for observing the transmit or receive signal. In this configuration, synchronization, test patterns, and other functions can be observed.

Alternatively, the **MON** jacks can also be used for intrusive testing toward the network. To utilize this configuration, perform the following steps:

1. Disconnect the H2TU-C DSX-1 interface by opening both the metallic splitting **TX** and **RX EQ** jacks with either a bantam open plug or a bantam test cord that is not terminated.
2. Configure a test set for Terminate mode.
3. Connect the test set to the **MON** jacks. (Test access toward the network equipment is achieved).
4. Connect the output (TRANS) of the test set to the **MON RX** jack, and the input (REC) of the test set to the **MON TX** jack.

NOTE

For additional Bantam Jack testing from the Total Access 3000 H2TU-C (P/N 1181113L2), refer to "Appendix C, Front Panel DSX and MUX Mode Test Access".

H2TU-R Bantam Jacks

The DS1 monitoring from the H2TU-R is accomplished using the **MON** bantam jacks.

The jacks labeled **MON** provide a test access point for monitoring the transmit and receive signals at the DS1 interface point. The bridging jacks can be used in two different ways:

1. The bridging jack of an H2TU-R module provides a *nonintrusive* tap onto a signal line and permits the connection of test equipment to monitor the characteristics of the signal with the DS1 test set optioned for Bridging mode.
2. If the DS1 test set is optioned for Terminate mode and the customer DS1 is disconnected, then the bridging jack of an H2TU-R module provides an *intrusive* tap and could be used to transmit and receive signals between an H2TU-R module and the network.

Figure 7 illustrates the complete bantam jack arrangement and details for specific jacks.

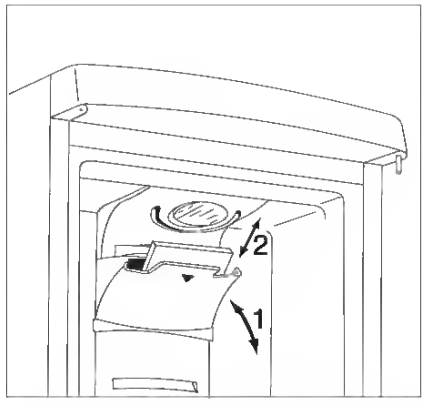
Changing the Carbon Filter

To maintain the best performance the carbon filter should be changed every year.

New carbon filters can be purchased from your local dealer.

1. Pull the flap outwards. (1)
2. Remove the filter from the plastic bag.
3. Insert the filter in the slot found in the back of the flap cover (2).
4. Close the flap cover.

Note: the carbon filter is a consumable accessory and as such is not covered by the guarantee.



During operation, always keep the air ventilation flap closed.

The filter should be handled carefully so fragments do not loosen from the surface.

This appliance has a supplementary light at the bottom of the air distribution unit. Should this light not work, do not try to replace it yourself. Please, call the nearest Service Force Centre..

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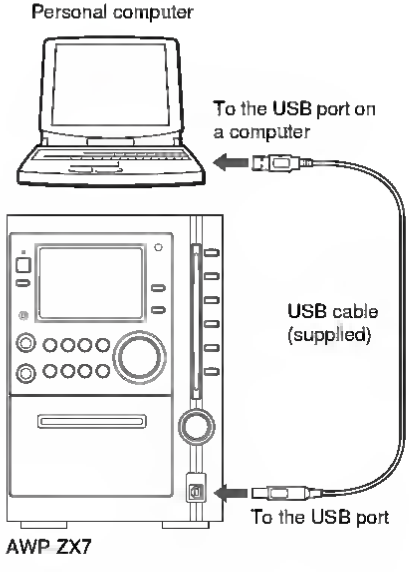
Optional Personal Computer

Connecting a personal computer to the system

Use the supplied USB cable for the connection. You can listen to the audio recorded in the computer's hard disk or on a CD-ROM loaded on the CD-ROM drive through the system's speakers.



Required system equipment

The following environments are necessary for the computer to connect to the system.

- USB port that supports USB 1.1 or higher
- IBM PC/AT compatible or Macintosh
- Operating System installed at the factory:
  For Windows users
  Windows 98 Second Edition, Windows 2000 Professional, Windows Millennium Edition, Windows XP Professional/Home Edition
  CPU MMX Pentium 266 MHz or higher
  For Macintosh users
  Mac OS 9.0.4, 9.2 or X 10.0 to 10.3

Operation is not assured in the following environments

- Personally constructed PCs or operating systems
- Windows XP versions other than Home Edition or Professional
- Windows 98 versions other than Second Edition
- Windows NT
- Windows 95
- Mac OS versions other than 9.0.4, 9.2 or X 10.0 to 10.3
- An environment upgraded to the other operating systems
- Multi-boot environment
- Multi-monitor environment

Notes

- Operations are not guaranteed for all the recommended computer environments mentioned above.
- You cannot perform system operations from the computer side, or computer operations from the system side.
- Operations are not guaranteed when the computer and the system are connected through a USB hub or a USB extension cable.
- When the computer has multiple USB ports, connect the USB cable to the port that supports a route hub (See the operation manual supplied with the computer for the port that supports a route hub.)

Adjusting miscellaneous settings

1 Press any MENU key to bring up the OSD.

2 Using the ◀ / ▶ keys, select Setting from the OSD, then navigate to the setting you want to adjust.

3 The Setting menu can be used to adjust the screen Menu Language and other important settings including Input, Overdrive level, ULMB and Refresh Rate.

4 Select Power-off USB charge ON/OFF to enable or disable the Power-off USB charging function.

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Was tun, wenn ...

Abhilfe bei Störungen

Möglicherweise handelt es sich bei einer Störung nur um einen kleinen Fehler, den Sie anhand nachfolgender Hinweise selbst beheben können. Führen Sie keine weiteren Arbeiten selbst aus, wenn nachstehende Informationen im konkreten Fall nicht weiterhelfen.

Warnung! Reparaturen am Kältegerät dürfen nur von Fachkräften durchgeführt werden. Durch unsachgemäße Reparaturen können erhebliche Gefahren für den Benutzer entstehen. Wenden Sie sich im Reparaturfall an Ihren Fachhändler oder an unseren Kundendienst.

Störung	Mögliche Ursache	Abhilfe
Gerät arbeitet nicht.	Gerät ist nicht eingeschaltet.	Gerät einschalten.
	Netzstecker ist nicht eingesteckt oder lose.	Netzstecker einstecken.
	Sicherung hat ausgelöst oder ist defekt.	Sicherung überprüfen, gegebenenfalls erneuern.
	Steckdose ist defekt.	Störungen am Stromnetz behebt Ihr Elektrofachmann.
Die Kühl- bzw. Gefrierraumtemperatur ist nicht ausreichend.	Temperatur ist nicht richtig eingestellt.	Bitte im Abschnitt "Inbetriebnahme und Temperaturregelung" nachsehen.
	Tür war längere Zeit geöffnet.	Tür nur so lange wie nötig geöffnet lassen.
	Innerhalb der letzten 24 Stunden wurden größere Mengen warmer Lebensmittel eingelagert.	Kältere Temperaturreglerstellung wählen bzw. Schnellgefriertaste drükken.
	Das Gerät steht neben einer Wärmequelle.	Bitte im Abschnitt "Aufstellort" nachsehen.
Gerät kühlt zu stark.	Temperatur ist zu kalt eingestellt.	Temperaturregler auf wärmere Einstellung drehen.

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1080p (1920 x 1080p)	23,976 / 24 Hz	YCbCr	4:2:2	Ja
			4:4:4	Ja
		RGB	4:4:4	Ja
	50 Hz	YCbCr	4:2:2	Ja
			4:4:4	Ja
		RGB	4:4:4	Ja
	59,94 / 60 Hz	YCbCr	4:2:2	Ja
			4:4:4	Ja
		RGB	4:4:4	Ja
VGA (640 x 480)	59,94 Hz	RGB	4:4:4	Ja
SVGA (800 x 600)	60 Hz	RGB	4:4:4	Ja
XGA (1024 x 768)	60 Hz	RGB	4:4:4	Ja
WXGA (1280 x 768/ 1280 x 800)	60 Hz	RGB	4:4:4	Ja
SXGA (1280 x 1024)	60 Hz	RGB	4:4:4	Ja
WSXGA+ (1680 x 1050)	60 Hz	RGB	4:4:4	Ja

3D Videoformate	
Frame Packing	1080p @ 24 Hz
	720p @ 50/60 Hz
Oben nach unten	1080p @ 24 Hz
	720p @ 50/60 Hz
Seite an Seite	720i @ 50/60 Hz 1080i @ 50/60 Hz 1080p @ 50/60 Hz

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Para cancelar el temporizador

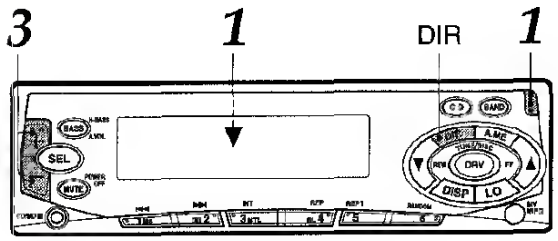
Para cancelar el programa 1, presione TUNE ▼ o TUNE ▲ repetidamente hasta que la indicación "PRG1 OFF" destelle en el paso 2.
Para cancelar el programa 2, presione TUNE ▼ o TUNE ▲ repetidamente hasta que la indicación "PRG2 OFF" destelle en el paso 4.

Notas

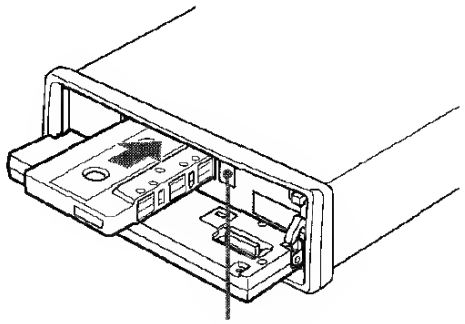
- Cuando se programan dos programas, asegúrese de que no se superponen.
- Aunque el aparato esté en otro modo que no sea el modo de radio, el aparato se conmuta al modo de radio y se sintoniza automáticamente el programa de radio programado a la hora programada. Cuando se termina el programa, el aparato vuelve automáticamente al modo anterior.
- Cuando se activa esta función, TUNE ▼/▲, A.ME, LO y los botones de números programados no funcionan para sintonizar las emisoras.
- Aunque se está escuchando un programa de radio con esta función, si se presionan los siguientes botones se conmuta el aparato al otro modo:
  — Presione BAND para cambiar el aparato al modo de radio.
  — Presione DIR para cambiar al modo de reproducción de cinta.
  — Presione CD para cambiar al modo de reproducción con cambiador de discos compactos.

  Si se cambian los modos con estos botones, el aparato no se desconecta a la hora de desconexión del temporizador.
  Para conmutar al modo CD/MD IN presione DIR, CD o BAND antes de conectar un tocadiscos de discos compactos/minidiscos portátil, etc. en la toma CD/MD IN.

REPRODUCCION DE LA CINTA

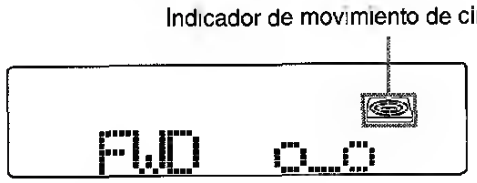


1 **Presione OPEN para abrir el panel frontal y coloque una cassette.**
Empieza a reproducir en el sentido en el que se estaba reproduciendo anteriormente.



Botón ⏏ (expulsión)

2 **Cierre el panel delantero.**



3 **Ajuste el volumen con +/−.**

Notas

- Si ya había una cassette colocada, presione DIR para empezar a reproducir.
- Asegúrese de cerrar el panel delantero después de colocar o expulsar una cassette.

continuación

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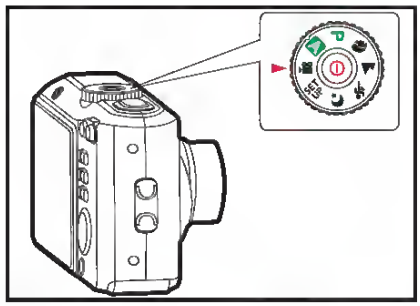
MOVIE MODE

Recording Movie Clips

This mode allows you to record movie clips with sound via built-in microphone.

1. Rotate the mode dial to 🎥 (Movie Mode) and turn your camera on by pressing the power switch.
2. Mode-dial Help information will be displayed on the LCD monitor. This is a brief guide which disappears in a few seconds. If you wish to refer to this information again, press the OK button.
3. Compose your subject within the focus frame
4. Press the shutter release button to start recording.
5. To stop recording, press the shutter release button again.



- The optical zoom function (3X) can be activated before you start recording the movie clips
- The digital zoom function can be activated before and during the recording
- Pressing the OK/|◯| button switches the LCD monitor screen display mode Each time you press the OK/|◯| button, the display changes in the following order: Normal Display → No Icons → LCD Off.
- To enable/disable Mode-dial Help function, set the [Option-Mode-dial Help] to [On]/[Off] in all modes.

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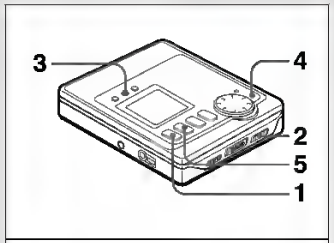


Combining two tracks

You can combine two tracks by erasing the index mark in between.
Example: The 2nd track and the 3rd track can be combined by erasing the index mark at the beginning of the 3rd track.

Operate during playback or in playback pause mode.

1 **Play the latter track of the two tracks that you want to combine.**
Example. To combine the 2nd track and 3rd track, play the 3rd track.
2 **Slide REC/EDIT while pressing the red button.**
3 **Press MODE repeatedly until "COMBINE" is displayed.**
4 **Press ENTER.**
The index mark of the selected track is erased. At the same time, all the succeeding track numbers move down by one.
5 **Press ■.**
The data concerning the contents of the editing process are registered and the display disappears.

To cancel entering

Press ►II or ■

If the tracks are titled

- When both tracks are titled, the title of the lower numbered track remains.
- When only one track is titled on the tracks to be combined, this title remains.

Note

You cannot combine a track recorded in monaural and a track recorded in stereo.

EINSETZBARE FUNKTIONEN ZUR AUFNAHME Deutsch

Registrieren der Indexmarkierung

- Zum schnellen Aufsuchen der gewünschten Passage können Sie bis zu 254 Indexmarkierungen registrieren.
- Dieses Gerät hat drei Funktionen zur Registrierung der Indexmarkierungen.

Auto-Markierung-Funktion

„AUTO MARK" erscheint im Display, und die Indexmarkierung-Information wird automatisch registriert, wie folgt.

Bei der Digitalaufnahme von CD oder MD → A

Die auf der CD oder MD vorhandene Indexmarkierung-Information wird kopiert.
① CD oder MD
② Aufnahme (MD)
③ Indexmarkierungen

Während Analogaufnahme oder Mikrofonaufnahme → B

Wenn eine unbespielte Stelle von mehr als 3 Sekunden Lange vorhanden ist, wird automatisch eine Indexmarkierung registriert, wenn das nächste Mal ein Signal eingegeben wird.
① Eingangston
② Aufnahme (MD)
③ Wenn kein Ton vorhanden ist
④ Indexmarkierungen

Zeitmarkierungsfunktion

„TIME MARK" erscheint im Display, und die Indexmarkierungsfunktion wird alle 5 Minuten registriert.

FONCTIONS UTILISABLES POUR L'ENREGISTREMENT Français

Consignation de marques index

- Vous pouvez consigner jusqu'à 254 marques index pour faciliter la recherche d'un passage souhaité.
- Cet appareil a trois fonctions de consignation des marques index.

Fonction marqueur automatique

"AUTO MARK" s'affiche et l'information marque index est automatiquement enregistrée comme suit.

Pendant l'enregistrement numérique d'un CD ou MD → A

L'information marque index enregistrée sur le CD ou MD est copiée telle quelle.
① CD ou MD
② Enregistrement (MD)
③ Marques index

Pendant l'enregistrement analogique ou l'enregistrement avec un microphone → B

En cas de section non-enregistrée de plus de 3 secondes, une marque index sera automatiquement consignée à l'entrée de signal suivante.
① Son entré
② Enregistrement (MD)
③ S'il n'y a pas de son
④ Marques index

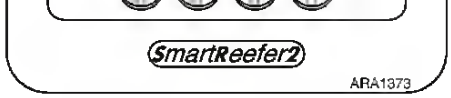
Fonction marqueur temporel

"TIME MARK" s'affiche et l'information de marque index est consignée toutes les 5 minutes.

AM-F75 AEZ EGF Bklet 31
28/4/2000, 6:06 PM

CargoWatch™: CargoWatch™ data logging requires the installation of optional sensors. Up to six temperature sensor/probes and four door switches can be installed. CargoWatch also logs the setpoint Use the CargoWatch Port to downloaded the CargoWatch data. If optional temperature sensors are installed, their readings are displayed as Datalogger Sensor (1-6) Temperature in tbe sensor readings. See "Viewing Sensor Readings" on page 75.

A printer can also be used to print a report of the optional sensor readings. See "Printing a Trip Report" on page 90.



1.	CargoWatch Port
2.	ServiceWatch Port

Figure 10: HMI Controller and Data Ports

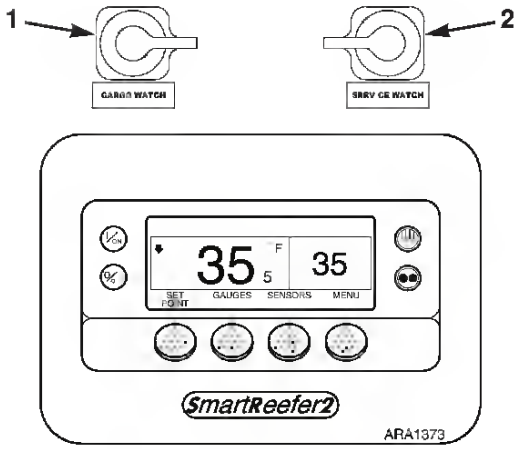
Data Logging

There are two separate data loggers. The data is downloaded through the data ports on the front of the control box using an IBM® PC compatible laptop or desktop computer and Thermo King WinTrac 4.6 (or higher) software.

ServiceWatch™: ServiceWatch™ is standard equipment. It records operating events, alarm codes and compartment temperatures as they occur and at preset intervals. This information is typically used to analyze unit performance. Use the ServiceWatch Port to downloaded the ServiceWatch data.

CargoWatch™: CargoWatch™ data logging requires the installation of optional sensors. Up to six temperature sensor/probes and four door switches can be installed. CargoWatch also logs the setpoint. Use the CargoWatch Port to downloaded the CargoWatch data. If optional temperature sensors are installed, their readings are displayed as Datalogger Sensor (1-6) Temperature in the sensor readings. See "Viewing Sensor Readings" on page 75.

A printer can also be used to print a report of the optional sensor readings. See "Printing a Trip Report" on page 90.



1.	CargoWatch Port
2.	ServiceWatch Port

Figure 10: HMI Controller and Data Ports

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ARCTIS 75248 GA3

Electronic Freezer no_frost

Operating Instructions

818 35 95-02/7

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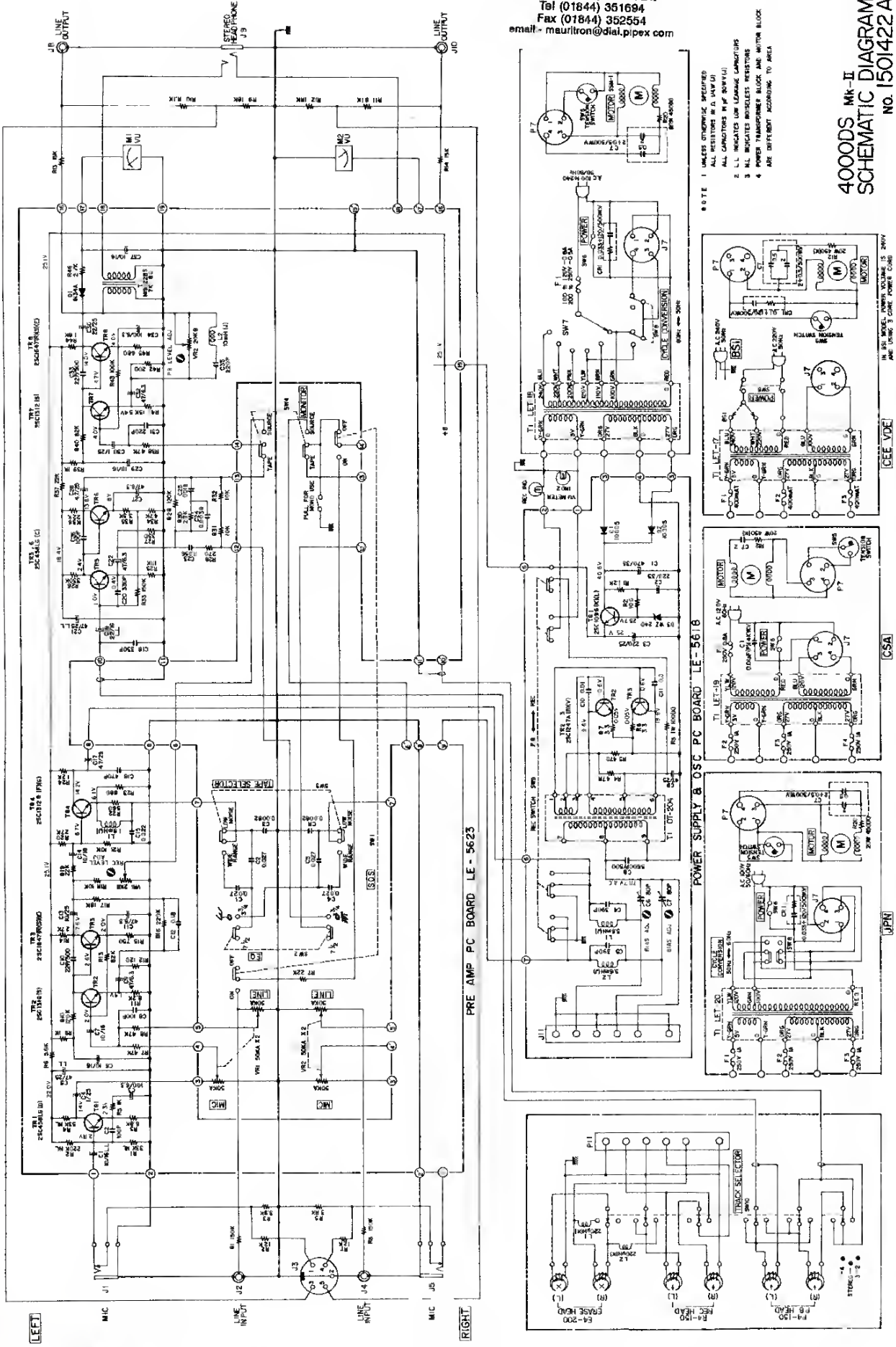
For Service Manuals
MAURITRON SERVICES
8 Cherry Tree Road, Chinnor
Oxfordshire, OX9 4QY.
Tel (01844) 351694
Fax (01844) 352554
email - mauritron@dial.pipex.com

4000DS Mk-II SCHEMATIC DIAGRAM No. 1501422A



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Vigtige oplysninger om sikkerhed

i forbindelse med produkter til server, lagring, strømforsyning, netværk og rack

Læs dette, inden du installerer produktet

Gem og følg alle vejledninger i forbindelse med sikkerhed og drift. Læs altid dokumentationen til udstyret (i trykt eller elektronisk form). Hvis der er uoverensstemmelser mellem denne vejledning og dokumentationen til udstyret, skal du følge vejledningen i dokumentationen til udstyret. Læs alle advarsler på produktet i brugervejledningen.

Overbold alle forholdsregler i denne vejledning for at mindske risikoen for personskade, elektrisk stød, brand eller beskadigelse af udstyret.

Symboler på udstyret

Følgende symboler kan være placeret på udstyret for at angive, at der kan være fare forbundet med den pågældende del:

Dette symbol sammen med et af følgende symboler betyder, at der er risiko for fare. Der kan opstå personskade, hvis advarslerne ikke overholdes. Se dokumentationen for specifikke detaljer.

Dette symbol betyder, at der er kredsløb med høje spændingsniveauer eller risiko for elektrisk stød. Lad kvalificeret personale håndtere serviceringen.

ADVARSEL: Undgå at åbne til det pågældende område for at mindske risikoen for personskade forårsaget af elektrisk stød. Lad kvalificeret personale håndtere vedligeholdelse, opgradering og servicering.

Dette symbol betyder, at der er risiko for elektrisk stød. Området indeholder ikke nogen komponenter, der skal serviceres af brugeren. Undlad at åbne, uanset af hvilken årsag.

ADVARSEL: For at mindske risikoen for at få elektrisk stød må du ikke åbne det pågældende område.

Dette symbol på et RJ-45-stik indikerer en netværksforbindelse.

ADVARSEL: Undlad at sætte telefonstik eller andre telekommunikationsstik i dette stik for at undgå risikoen for elektrisk stød, brand eller beskadigelse af udstyret.

Dette symbol betyder, at overfladen eller den pågældende komponent kan blive meget varm. Hvis denne del berøres, kan det medføre personskade.

ADVARSEL: Lad overfladen køle af inden berøring for at nedsætte risikoen for forbrænding.

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To Change Password

1. Choose the Set Password option from the CMOS Setup Utility main menu and press <Enter>.
2. When you see "Enter Password," enter the existing password and press <Enter>.
3. You will see "Confirm Password" Type it again, and press <Enter>.
4. Select Set Password again, and at the "Enter Password" prompt, enter the new password and press <Enter>.
5. At the "Confirm Password" prompt, retype the new password, and press <Enter>.
6. Select Save to CMOS and EXIT, type <Y>, then <Enter>.

To Disable Password

1. Choose the Set Password option from the CMOS Setup Utility main menu and press <Enter>.
2. When you see "Enter Password," enter the existing password and press <Enter>.
3. You will see "Confirm Password." Type it again, and press <Enter>.
4. Select Set Password again, and at the "Enter Password" prompt, don't enter anything; just press <Enter>.
5. At the "Confirm Password" prompt, again don't type in anything; just press <Enter>.
6. Select Save to CMOS and EXIT, type <Y>, then <Enter>.

4.3 Save & Exit Setup

If you select this option and press <Y> then <Enter>, the values entered in the setup utilities will be recorded in the chipset's CMOS memory. The microprocessor will check this every time you turn your system on and use the settings to configure the system. This record is required for the system to operate.

4.3.1 Exit Without Saving

Selecting this option and pressing <Enter> lets you exit the Setup program without recording any new values or changing old ones.

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Connecting peripherals

Setting up your computer is easy. For the most part, you only have four things to connect: the USB keyboard, the USB mouse, the monitor, and the power cable.

USB Keyboard

Plug the keyboard cable into the USB port (black port) located on the front or rear panel of your computer.

Note: If you are using a PS/2 keyboard, plug the keyboard cable into the PS/2 keyboard port (purple port) located on the rear panel of your computer.

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Remote Use with Accessory Devices - Direct Method

Your remote control is set to work your TV and many infrared remote (IR) control VCRs, Cable Boxes, Satellite Systems, DBS, DVD, etc. However, an easy onetime step may be necessary before the remote will work your VCR.

Try this initial Direct Access Method to see if going on to the following section is necessary.

BEGIN

1. **Place the TV/VCR/ACC Mode Switch** in the proper position.
2. **Point the remote control** at the device and press the POWER button.

Does the remote turn the device ON?

If YES, stop and try other function buttons on the remote. If they also work the device, then the remote is ready and no further steps are needed.

If NO, continue...

STOP

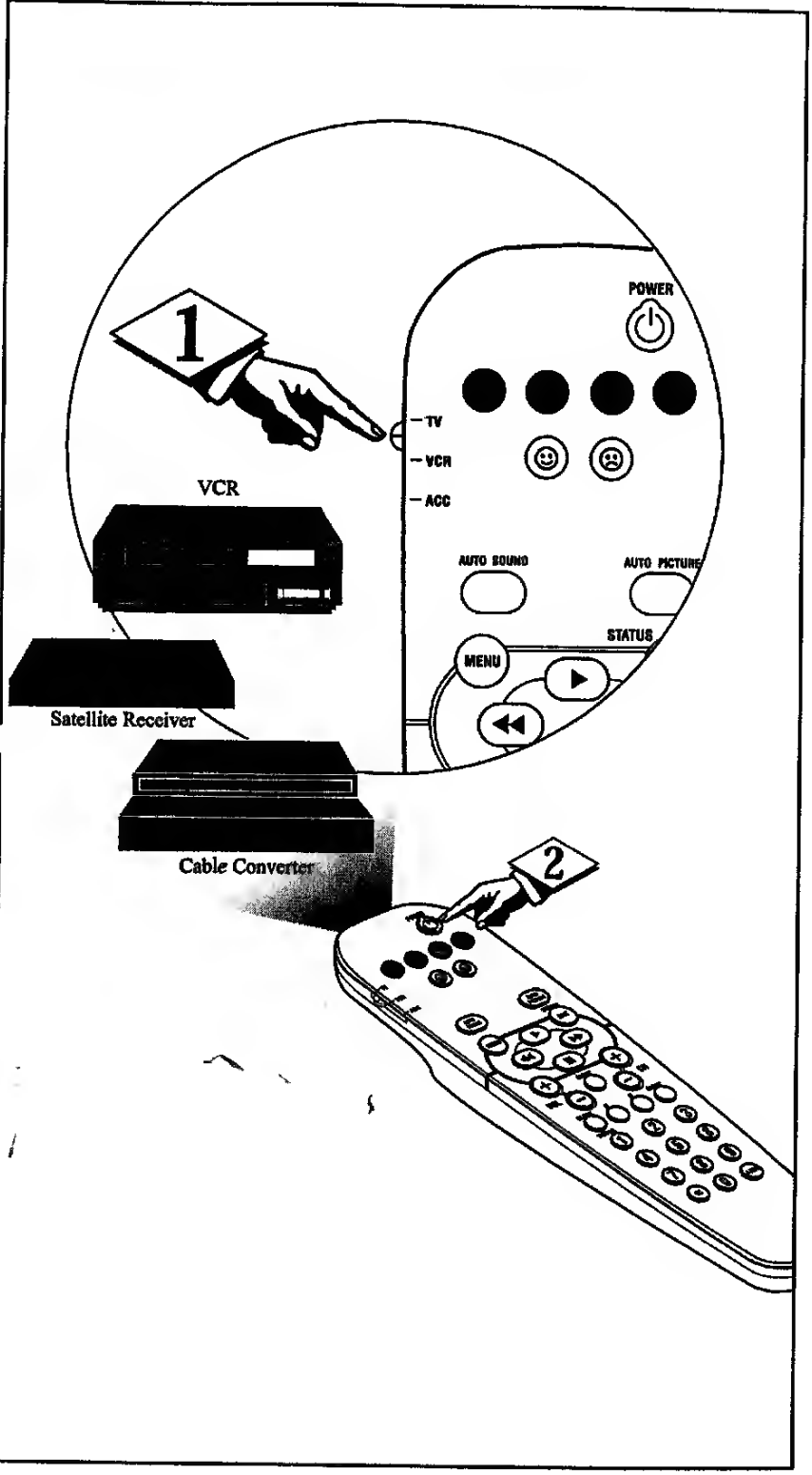
1. First look up a **THREE-DIGIT remote control number** for your brand of Device before going through the simple steps on the following page.

Find your Three-Digit Code on pages 35-37.

Smart Help

Remember, if more than one number is listed, you may have to try more than the first Three-Digit code given in order to locate your Device's remote code.

NOTE: Setting up the remote is for use with external accessory devices and not for use with other television brands.



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SERVICE AND SPARE PARTS

In the event of your appliance requiring service, or if you wish to purchase spare parts, please contact Service Force by telephoning:

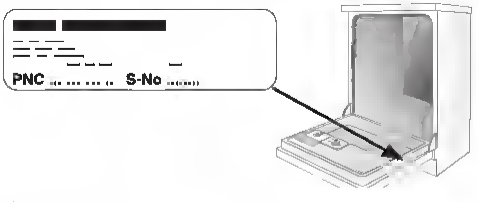
08705 929 929

Your telephone call will be automatically routed to the Service Force Centre covering your post code area.
For the adress of your local Service Force Centre and further information about Service Force, please visit the website at www.serviceforce.co.uk

Before calling out an engineer, please ensure you have read the details under the heading „What to do if....."

When you contact the Service Force Centre you will need to give the following details:

1. Your name, address and post code.
2. Your telephone number
3. Clear and concise details of the fault.
4. The model and serial number of the appliance (found on the rating plate).



5. The purchase date

Please note that a valid purchase receipt or guarantee documentation is required for in-guarantee service calls.

Customer Care

For general enquiries concerning your AEG appliance or for further information on AEG products please contact our Customer Care Department by letter or telephone at the address below or visit our website at www.aeg.co.uk.

Customer Care Department
AEG Domestic Appliances
55-77 High Street
Slough
Berkshire, SL1 1DZ

Tel. 08705 350350 (*)

(*) Calls may be recorded for training purposes

LIMITED WARRANTY

COLOR TELEVISION

90 Days Free Labor

One Year Free Replacement of Parts (Two Years Free Replacement on Color Picture Tube)

This product must be carried in for service.

WHO IS COVERED?

You must have proof of purchase to receive warranty service. A sales receipt or other document showing that you purchased the product is considered proof of purchase.

WHAT IS COVERED?

Warranty coverage begins the day you buy your product. *For 90 days thereafter,* all parts will be repaired or replaced free, and labor is free. From 90 days to one year from the day of purchase, all parts will be repaired or replaced free, but you pay for all labor charges. From one to two years from the day of purchase, you pay for the replacement or repair of all parts except the picture tube, and for all labor charges. After two years from the day of purchase, you pay for the replacement or repair of all parts, and for all labor charges.

All parts, including repaired and replaced parts, are covered only for the original warranty period. When the warranty on the product expires, the warranty on all replaced and repaired parts also expires.

WHAT IS EXCLUDED?

Your warranty does not cover:

- labor charges for installation or setup of the product, adjustment of customer controls on the product, and installation or repair of antenna systems outside of the product.
- product repair and/or part replacement because of misuse, accident, unauthorized repair or other cause not within the control of Philips Consumer Electronics Company.
- reception problems caused by signal conditions or cable or antenna systems outside the unit.
- a product that requires modification or adaptation to enable it to operate in any country other than the country for which it was designed, manufactured, approved and/or authorized, or repair of products damaged by these modifications.
- incidental or consequential damages resulting from the product. (Some states do not allow the exclusion of incidental or consequential damages, so the above exclusion may not apply to you. This includes, but is not limited to, prerecorded material, whether copyrighted or not copyrighted.)
- a product used for commercial or institutional purposes.

WHERE IS SERVICE AVAILABLE?

Warranty service is available in all countries where the product is officially distributed by Philips Consumer Electronics Company. In countries where Philips Consumer Electronics Company does not distribute the product, the local Philips service organization will attempt to provide service (although there may be a delay if the appropriate spare parts and technical manual(s) are not readily available).

MAKE SURE YOU KEEP...

Please keep your sales receipt or other document showing proof of purchase. Attach it to this owner's manual and keep both nearby. Also keep the original box and packing material in case you need to return your product.

BEFORE REQUESTING SERVICE...

Please check your owner's manual before requesting service. Adjustments of the controls discussed there may save you a service call.

TO GET WARRANTY SERVICE IN U.S.A., PUERTO RICO OR U.S. VIRGIN ISLANDS...

Contact a Philips factory service center (see enclosed list) or authorized service center to arrange repair.

(In U.S.A., Puerto Rico and U.S. Virgin Islands, all implied warranties, including implied warranties of merchantability and fitness for a particular purpose, are limited in duration to the duration of this express warranty. But, because some states do not allow limitations on how long an implied warranty may last, this limitation may not apply to you.)

TO GET WARRANTY SERVICE IN CANADA...

Please contact Philips at:

1-800-894-5463
1-800-363-7278

(In Canada, this warranty is given in lieu of all other warranties. No other warranties are expressed or implied, including any implied warranties of merchantability or fitness for a particular purpose. Philips is not liable under any circumstances for any direct, indirect, special, incidental or consequential damages, howsoever incurred, even if notified of the possibility of such damages.)

REMEMBER...

Please record the model and serial numbers found on the product below. Also, please fill out and mail your warranty registration card promptly. It will be easier for us to notify you if necessary.

MODEL # _____

SERIAL # _____

This warranty gives you specific legal rights. You may have other rights which vary from state/province to state/province.

Philips Consumer Electronics Company, P.O. Box 2976, Longview, Texas 75606, (903) 242-4800

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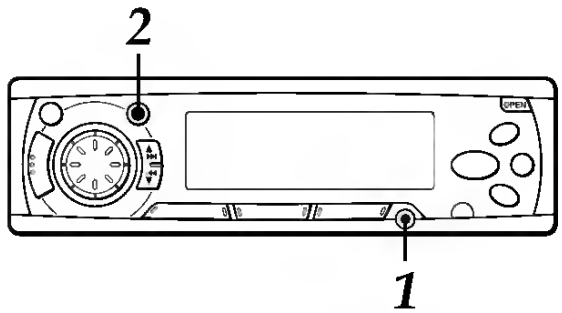
CONEXION DE UN TOCADISCOS PORTATIL DE CASETERO/ MINIDISCOS/MP3 U OTRO EQUIPO

Este aparato tiene una entrada a nivel de línea (AUX IN), que permite sonidos de alta calidad.



1 **Conecte un tocadiscos portátil de casetero/minidiscos/MP3, etc. utilizando la toma AUX IN (diám. de 3,5 mm) de este aparato.**

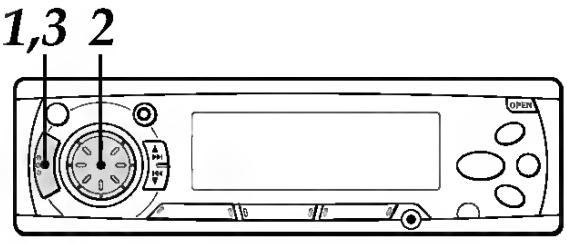
2 **Presione FUNCTION repetidamente para seleccionar el modo AUX IN.**
Aparece la indicación "AUX IN".

3 **Empiece a reproducir en el equipo conectado.**

• Para más detalles sobre el tocadiscos portátil de casetero/minidiscos/MP3, etc. lea el manual de instrucciones de ese equipo.

AJUSTE DE LA ALARMA

El aparato está programada de fábrica para sonar cada vez que presione cualquier botón en el panel delantero excepto OPEN (no suena con el aro de avance lento). Puede silenciar esta alarma siguiendo el procedimiento siguiente.



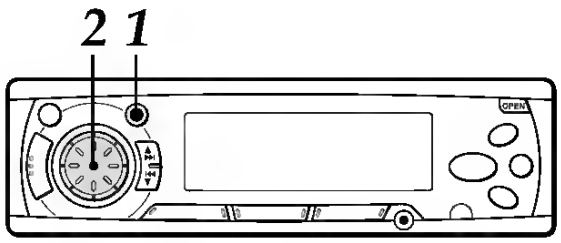
1 **Con el aparato desconectado, mantenga presionado SELECT durante más de 2 segundos.**

2 **Gire el aro de avance lento para seleccionar "BEEP ON" o "BEEP OFF" (la conexión o desconexión).**

3 **Presione SELECT.**
Se desconecta el aparato.

AJUSTE DEL CONTROL DE CONTRASTE

Se puede cambiar el contraste de la pantalla.



1 **Con el aparato conectado, mantenga presionado FUNCTION durante más de 2 segundos.**
Aparece la indicación de contraste vigente.

2 **Gire el aro de avance lento para seleccionar el contraste.**
Gire en sentido horario para aumentar el contraste.
Gire en sentido antihorario para reducir el contraste.

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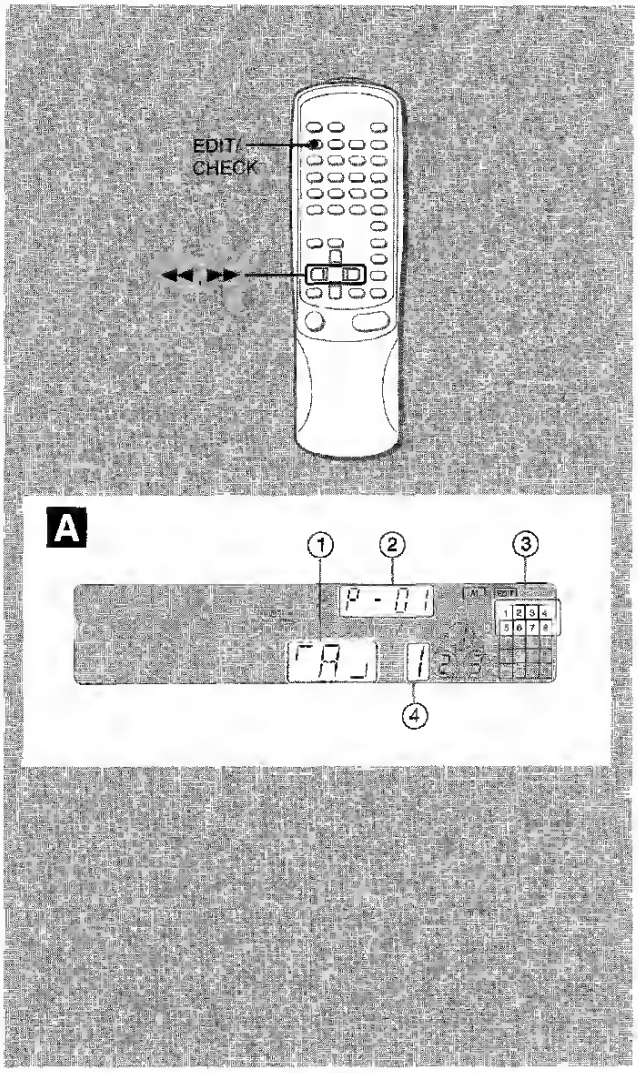
AI EDIT RECORDING

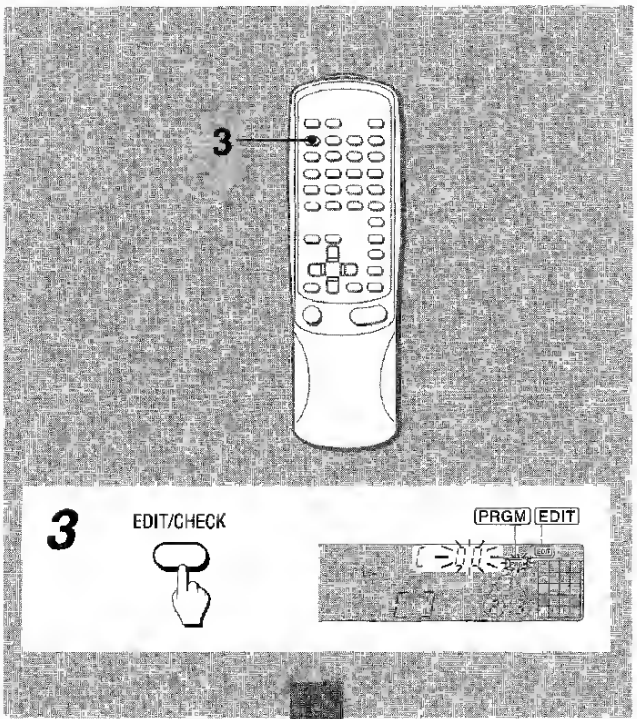


To check the order of the programmed track numbers
Before recording, press the EDIT/CHECK to select side A or B, and press the ◀◀ or ▶▶ button repeatedly. → A
DISPLAY
① Tape side
② Program number
③ Programmed track numbers
④ Track number

To add tracks from other discs to the edit program
If there is any time remaining on the tape after step 5 of page 40, you can add tracks from other discs in the CD compartment .
1 Press the EDIT/CHECK button to select side A or B.
2 Press one of the DISC DIRECT PLAY buttons to select a disc.
3 Press the numeric buttons to select tracks.
AI goes out and PRGM starts flashing on the display.
A track whose playing time is longer than the remaining time cannot be programmed.
4 Repeat steps 2 and 3 to add more tracks.

Time on cassette tapes and editing time
The cassette recording time is usually a little longer than the specified recording time printed on the label. This unit can program tracks to use the extra time. When the total recording time is a little longer than the tape's specified recording time after editing, the display shows the extra time (without a minus mark), instead of the time remaining on the tape (with the minus mark).

NOTE
- Recording is inhibited if the erasure prevention tab on either side of the tape is broken off.
- The AI EDIT function cannot be used with discs containing 31 tracks or more.



PROGRAMMED EDIT RECORDING

The PROGRAMMED EDIT function enables CD recording while checking the remaining time on each side of the tape as the tracks are programmed.

NOTE
The programmed edit recording will not start from a point halfway in the tape. The tape must be recorded from the beginning of either side.

Use the remote control from steps 3 to 8.

***1* Insert the tape into deck 2, and press the DOLBY NR button to turn Dolby NR on or off.**
Insert the tape with the side to be recorded first facing the foreground.

***2* Press the CD button and load the disc(s).**

***3* Press the EDIT/CHECK button twice.**
"EDIT" lights up and "PRGM" flashes on the display.

To be continued.

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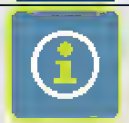
e. Icons introduction

Function / Status	Picture	OSD	Setup	Information
Non-Foucs				
Focus				
Focus on Item-page				

f. Item page status

Status	Display type
Non-focus	
Item focused	
Item selected	

1-1-2 Key operation

a. Key operation at function icon

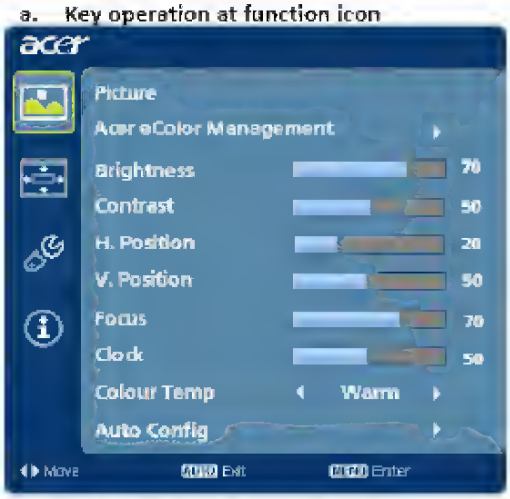


Figure 1-5 Foucs at main icons

Key	Function description
Power	Power off the monitor
<	Moving the focus up
>	Moving the focus down
Menu	Enter to the item page
Auto	Exit the OSD menu
e	Trigger the acer eColor Management

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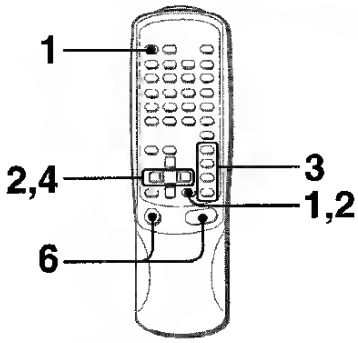
AJUSTE DEL TEMPORIZADOR



La unidad podrá encenderse a la hora especificada todos los días gracias al temporizador incorporado.

Preparación
Asegurese de que la hora del reloj sea correcta. (Consulte la página 5.)

Utilice el control remoto.

1 **Pulse una vez el botón TIMER del control remoto para visualizar ⏲, y pulse el botón II SET antes de que pasen 4 segundos.**
⏲ se visualizará y la hora parpadeara.

NOTA
Si no pulsa el botón II SET antes de que pasen 4 segundos tal vez empiece otra operación.

2 **Designe la hora de encendido del temporizador pulsando el botón I◀◀ DOWN o ▶▶I UP y luego pulse el botón II SET. Repita el mismo procedimiento para designar el minuto de encendido del temporizador.**

Después de designar la hora de encendido del temporizador, TIMER y uno de los nombres de las fuentes de sonido perpedearen alternativemente durante 4 segundos en el visualizador.

3 **Antes de que pasen 4 segundos, pulse uno de los botones de función para seleccionar una fuente de sonido.**
"TIMER" y el nombre de la fuente de sonido seleccionada parpadearán alternativamente durante 4 segundos. En este momento, el botón de función seleccionado no se encenderá.
- Si este paso no se completa antes de que pasen 4 segundos, repita desde el paso 1.
- Si se pulsa el botón TUNER, la banda no se podrá seleccionar en este paso.

4 **Antes de que pasen 4 segundos, seleccione la duración del periodo de reproducción activado por temporizador con el botón I◀◀ DOWN o ▶▶I UP.**

La duración del periodo de reproducción activado por temporizador podrá ajustarse entre 10 y 240 minutos en pasos de 10 minutos.
- Si este paso no se completa antes de que pasen 4 segundos, repita desde el paso 1.

5 **Prepare la fuente de sonido.**
Para escuchar un disco compacto, introduzca el disco que vaya a reproducir en primer lugar en la bandeja 1.
Para escuchar una cinta, introduzca la cinta en la platina 1 o en la 2.
Para escuchar la radio, sintonice una emisora.

6 **Pulse el botón POWER para apagar la unidad después de haber ajustado el volumen y el tono.**
⏲ permanecerá en el visualizador después de que se desconecte la alimentación (modo de espera del temporizador).

Cuando llegue la hora de encendido del temporizador, le unidad se encenderá y la reproducción empezará con la fuente de sonido seleccionada.

Para comprobar la fuente de sonido y el tiempo especificados
Pulse el botón TIMER del control remoto. La hora de encendido del temporizador y la fuente de sonido seleccionada se visualizarán durante 4 segundos. Sin embargo, la duración del periodo de reproducción activada por temporizador no se visualizará.

GRABACION CON TEMPORIZADOR

La grabación con temporizador sólo podrá utilizarse con las fuentes de sonido TUNER y VIDEO/AUX (con un temporizador externo).

Pulse dos veces el botón TIMER del control remoto para que ⏲ aparezca en el visualizador, y pulse el botón II SET antes de que pasen 4 segundos. Repita los pasos mostrados arriba, a partir del paso 2, e inserte la cinta que veye e greber en la platina 2 después de efectuar el paso 5.

Para cancelar temporalmente el modo de espera dal temporizador
Pulse el botón TIMER del control remoto para que ⏲ o ⏲ desaparezcan del visualizador.
Para reponer el modo de espere del temporizedor, pulse de nuevo el boton para visualizar ⏲ o ⏲.

Utilización de la unidad mientras esté ajustado el temporizador
Podrá utilizar normalmente la unidad después de ajustar el temporizador.
Antes de desconectar la alimentación, repita el paso 5 para preparar la fuente de sonido y ajuste el volumen y el tono.

NOTA
- La reproducción y la grabación con temporizador no empezarán si no se desconecta la alimentación.
- El equipo conectado no se podrá encender ni apagar con el temporizador incorporado de esta unidad. Utilice en este caso un temporizador externo.

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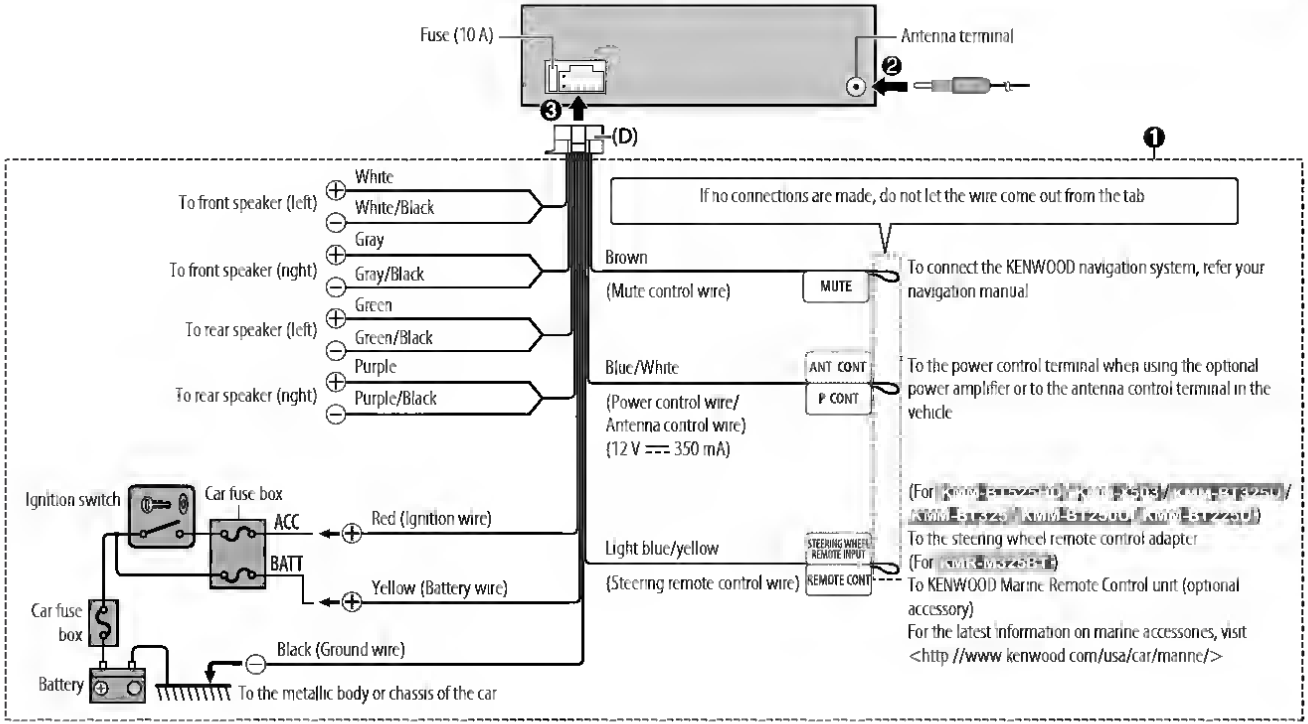
Wiring connection

IMPORTANT
We recommend installing the unit with a commercially available custom wiring harness specific for your car and leave this job to professionals for your safety. Consult your car audio dealer.



Your Aspire 1350 series notebook computer offers good expansion capabilities.

This chapter provides information on connecting peripherals to expand your system. It also describes how to upgrade key components to enhance system performance and keep your computer in step with the latest technology.

You are advised to consult your dealer for information on peripherals. In addition, make sure that you read the manuals and other documentation provided with new hardware.

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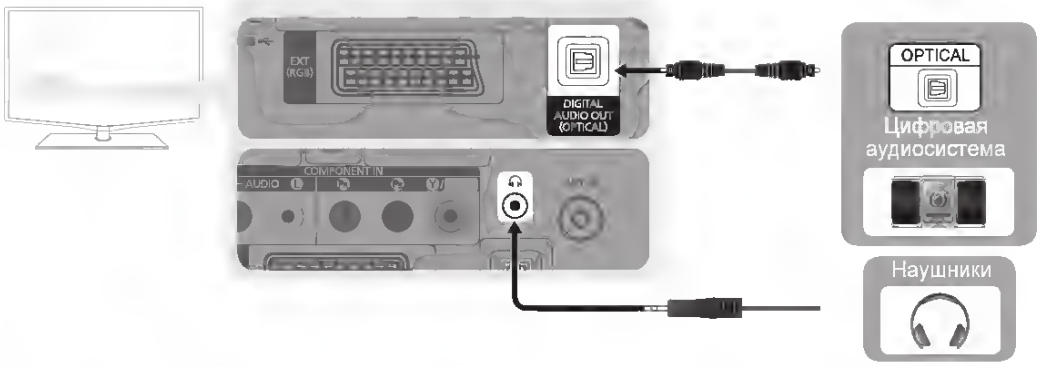
Подключение

Подключение к аудиоустройству

С помощью оптического или аудиокабеля

Допустимые устройства: цифровая аудиосистема, усилитель, домашний кинотеатр с DVD-проигрывателем

✎ Цвет и форма устройства могут различаться в зависимости от модели



✎ DIGITAL AUDIO OUT (OPTICAL)

- При подключении цифровой аудиосистемы к гнезду DIGITAL AUDIO OUT (OPTICAL) уменьшите громкость на телевизоре и на аудиосистеме.
- 5.1-канальное звучание возможно в том случае, если телевизор подключен к внешнему устройству, поддерживающему 5.1-канальное звучание.
- Если приемник (домашний кинотеатр) включен, звук будет выводиться через оптический разъем на телевизоре. Если телевизор принимает цифровой телесигнал, то на приемник домашнего кинотеатра звук будет передаваться в формате 5.1. Если в качестве источника используется цифровое устройство, подключенное к телевизору через гнездо HDMI, например DVD-проигрыватель, проигрыватель дисков Blu-ray, приемник кабельного или спутникового телевидения (телеприставка), то приемник домашнего кинотеатра обеспечивает только 2-канальное звучание. Если требуется 5.1-канальное звучание, подключите проигрыватель DVD-дисков, проигрыватель дисков Blu-ray, приемник кабельного или спутникового телевидения (телеприставку) напрямую через цифровой аудиовыход к усилителю или домашнему кинотеатру.

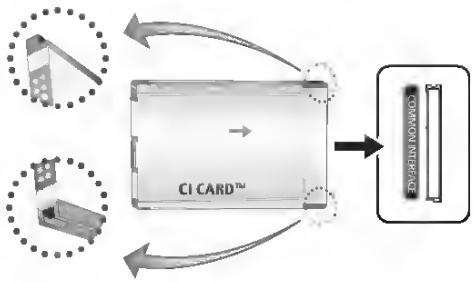
✎ Наушники 🎧: наушники можно подключить к выходу наушников на телевизоре. При подключении наушников звук через встроенные динамики выводиться не будет.

- При подключении к телевизору наушников использование функций звука ограничено.
- Громкость наушников и громкость телевизора регулируются отдельно.

ПОДКЛЮЧЕНИЕ ЧЕРЕЗ ГНЕЗДО COMMON INTERFACE

Для просмотра платных каналов необходимо установить карту CI CARD или CI+ CARD.

- Если этого не сделать, отобразится сообщение «Недопустимый сигнал».
- Через 2-3 минуты после установки на экране отобразится информация о согласовании, содержащая номер телефона, идентификатор карты CI CARD или CI+ CARD, идентификатор хоста и другие сведения. Если появится сообщение об ошибке, обратитесь к поставщику услуги.
- После того, как настройка сведений о каналах будет закончена, на экране отобразится сообщение «Обновление завершено», сигнализирующее, что список каналов обновлен.



✎ ПРИМЕЧАНИЕ.

- Карту CI CARD или CI+ CARD можно приобрести у местного поставщика услуг кабельного телевидения.
- Извлекайте карту CI CARD или CI+ CARD, аккуратно придерживая ее, поскольку падение карты может привести к ее повреждению.
- Вставляйте карту CI CARD или CI+ CARD в направлении, указанном на ней.
- Расположение гнезда COMMON INTERFACE может отличаться в зависимости от модели устройства.
- В некоторых странах и регионах карты CI CARD или CI+ CARD не поддерживаются. Уточните это у официального дилера.
- При возникновении проблем обратитесь к поставщику услуги.

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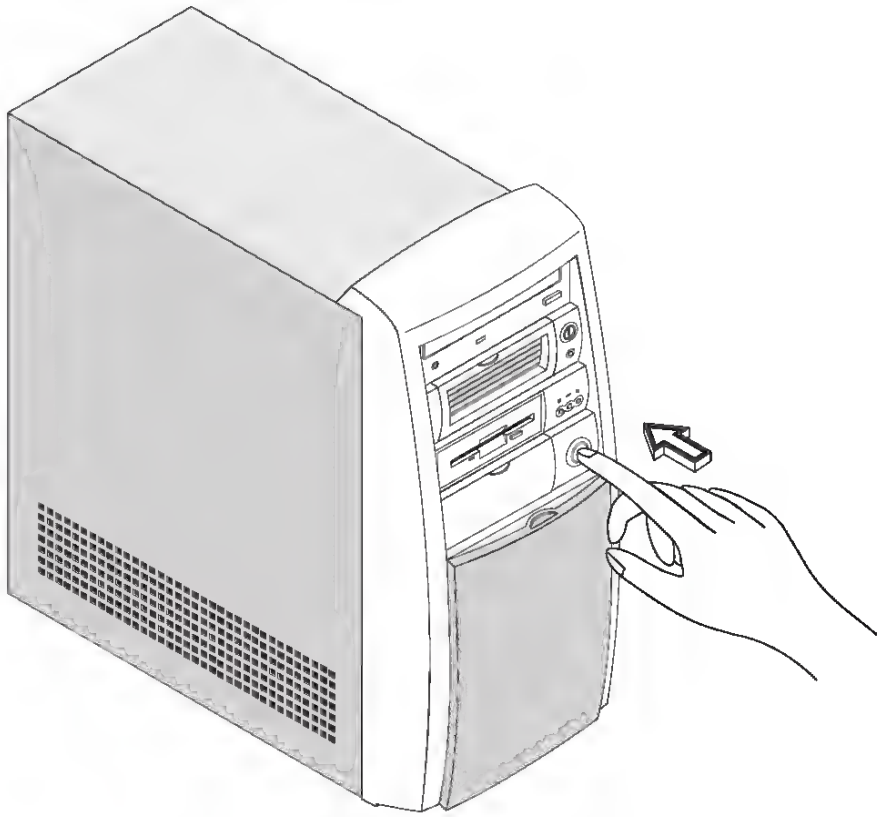
3 On the front panel of your computer, press the power button.



When the computer finishes booting, it is now ready for use.

Important: Make sure that the power cable is properly plugged in into an electrical outlet. If you are using a power strip or an AVR (Auto-Voltage Regulator), make sure that it is plugged in and turned on.

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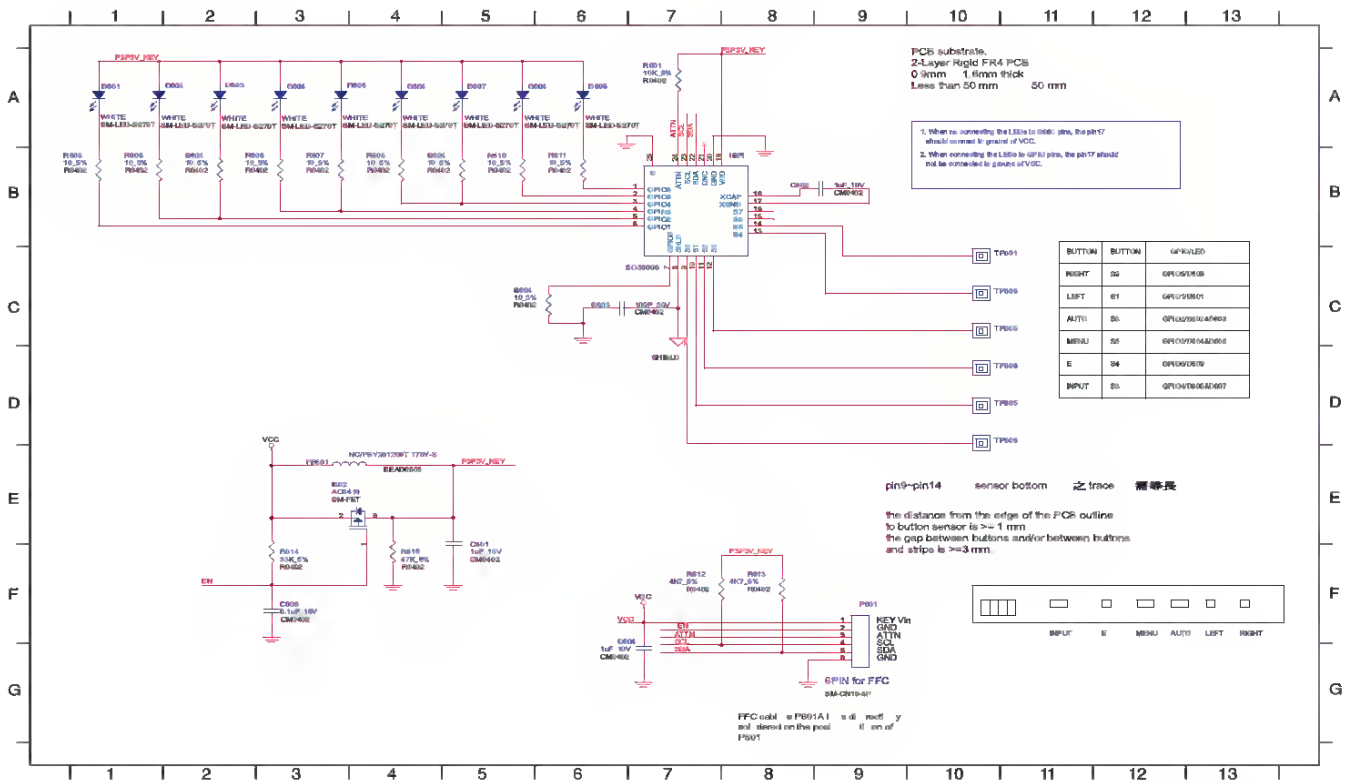
PCB substrate.
2-Layer Rigid FR4 PCB
0.9mm 1.6mm thick
Less than 50 mm 50 mm
1. When no connecting the LEDs to GPIO pins, the pin17 should connect to ground of VCC.
2. When connecting the LEDs to GPIO pins, the pin17 should not be connected to ground of VCC.
BUTTON | BUTTON | GPIO/LED
RIGHT | 82 | GPIO57/D0
LEFT | 81 | GPIO56/D1
AUTO | 80 | GPIO23/D2/CAP0
MENU | 58 | GPIO37/D4/CAP0
E | 84 | GPIO60/D5
INPUT | 83 | GPIO47/D6/CAP0
pin9~pin14 sensor bottom 之 trace 需等長
the distance from the edge of the PCB outline to button sensor is >= 1 mm
the gap between buttons and/or between buttons and stripe is >=3 mm.
INPUT E MENU AUTO LEFT RIGHT
KEY Vin
GND
ATTN
SCL
SDA
GND
6PIN for FFC
PCB No 68322038001

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Removing an Expansion Card

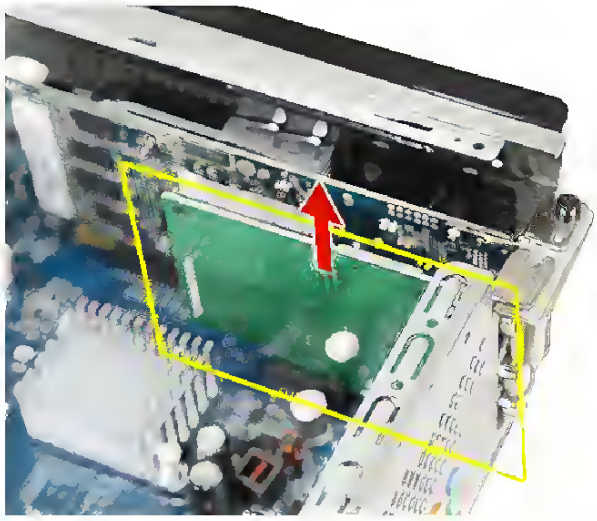
This section includes instructions on how to remove a TV tuner card and a VGA card

To remove the network card:

1. See "Removing the Side Panel" on page 31
2. Remove the screw (A) that secures the card to the chassis

Screw (Quantity)	Color	Torque	Part No.
#6-32 L5 BZN (3)	Black	5.7 to 6.3 kgf-cm	86.00J07.B60

3. Pull the card out of its mainboard connector.



NOTE: The card has been highlighted with a yellow rectangle as above image shows. Please detach the card and follow local regulations for disposal.

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NOTE: You do not need to remove power from the unit for a hot-plug power supply replacement in a redundant power supply configuration.

WARNING: To reduce the risk of electric shock or damage to the equipment in a single power supply configuration:

- Unplug the power cord before removing the power supply from the server.
- Install the power supply before connecting the power cord to the power supply.

To remove a bot-plug power supply in a single power supply configuration:

1. If there is a padlock and locking bar attached to the power supplies, unlock the padlock and lift the bar away from the power supplies.
2. Perform the preparation procedures. See "Preparation Procedures" earlier in this chapter.
3. Press the lever in tbe center of the power supply handle ❶, then pull out the handle ❷. This detaches the power supply from the power backplane board.
4. Using the handle, pull the power supply from the server ❸.

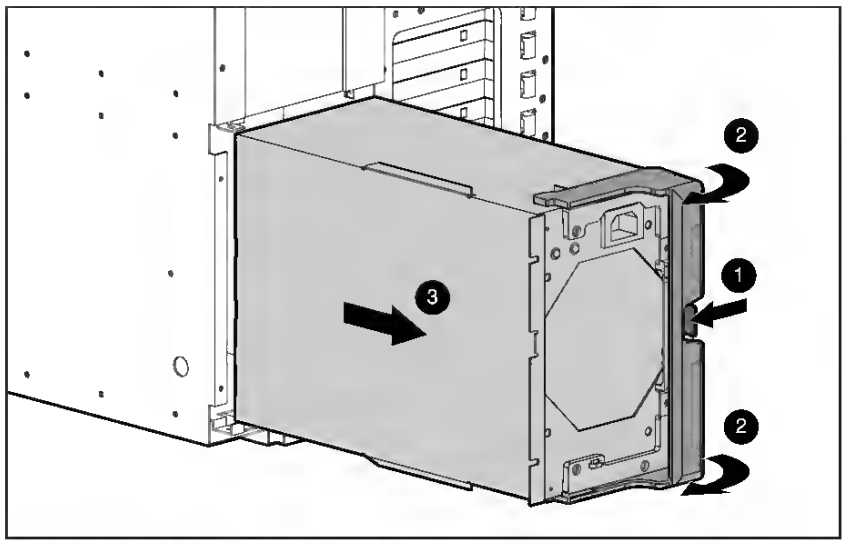

Figure 2-34. Removing a hot-plug power supply

Reverse steps 1 through 4 to replace a hot-plug power supply.

CAUTION: Do not replace the hot-plug power supply with the AC power cord attached to the rear of the server in a single power supply configuration.

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Fixed Dial (6-3)

You can set limitation of the numbers you call out.

	You must have PIN2 before you can use this function.

View (6-3-1)

Under this branch, you can see what Fixed Dial numbers you set.

Press ⊙ (or ⊙) key, and the numbers will display on the screen.

Set Status (6-3-2)

Switch on/off about this Fixed Dial function.

After you enter this function by pressing ⊙ (or ⊙) key, ↙↗ (or ∨∧) key to select "On" or "Off" and press ⊙ (or ⊙) key to confirm.

Modify (6-3-3)

You can add or change records of your fixed-dial numbers.

Press ⊙ (or ⊙) key, and the numbers will display on the screen. You can press ⊙ (or ⊙) key again to add, edit or delete numbers.

SIM Lock (6-4)

With this function, you can prevent unauthorized usage of the handset with unknown SIM cards.

After you set this function ON, if the SIM card in your handset is not the one used to enable this function, you will be prompted to enter the unlock code when you power on your handset. If the unlock code entered is correct, the handset will recognize the SIM card automatically. The next time you power on your handset with this newly recognized SIM card, you will not be prompted to enter the unlock code again. However, if the unlock code entered is incorrect, the display will show "Insert Correct SIM", and the handset will function as if the SIM card was not inserted. The handset can recognize up to 3 different SIM cards. After you enter this function by pressing ⊙ (or ⊙) key, the following options will appear on the screen:

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SOIN ET ENTRETIEN

Un entretien occasionnel de l'ampli-tuner est indispensable pour garantir des performances optimales.

Pour nettoyer le coffret
Utilisez un chiffon doux et sec.
Si la surface est extrêmement sale, utilisez un chiffon légèrement imprégné d'une solution détergente neutre. Ne pas utiliser de solvants puissants, tels que l'alcool, la benzine et du diluant, car ils pourraient abîmer la finition.

SPECIFICATIONS

Section Tuner FM

Plage d'accord	87,5 MHz à 108 MHz
Sensibilité utilisable (IHF)	13,2 dBf
Bornes d'antenne	75 ohms (asymétrique)

Section Tuner AM

Plage d'accord	530 kHz à 1710 kHz (intervalle de 10 kHz), 531 kHz à 1602 kHz (intervalle de 9 kHz)
Sensibilité utilisable	350 µV/m
Antenne	Antenne cadre

Section Amplificateur

Puissance de sortie	**[Mode stéréo]** **Avant** 85 watts par canal, minimum RMS à 8 ohms, de 40 Hz à 20 kHz, avec moins de 0,9 % de distorsion harmonique totale **[Mode Dolby Pro Logic ou 5,1 CH]** **Avant** 70 watts par canal, minimum RMS à 8 ohms, de 40 Hz à 20 kHz, avec moins de 0,9 % de distorsion harmonique totale **Arrière (Surround)** 35 watts par canal, minimum RMS à 8 ohms, 1 kHz, avec moins de 0,9 % de distorsion harmonique totale **Centre** 70 watts, minimum RMS à 8 ohms, 1 kHz, avec moins de 0,9 % de distorsion harmonique totale
Distorsion harmonique totale	0,08 % (50 W, 1 kHz, 8 ohms, Enceintes avant)
Entrées	AUDIO IN PHONO: 2,5 mV, réglable (47 kohms) CD: 200 mV, réglable (47 kohms) TAPE MONITOR: 300 mV (47 kohms) VIDEO 1/DVD/MD, VIDEO 2/LD/TV, VIDEO 3, AUX: 200 mV, réglable (47 kohms) 5 1 INPUT FRONT, CENTER: 450 mV (47 kohms) SURROUND, SUB-WOOFER: 300 mV (47 kohms) VIDEO IN: 1 Vc-c (75 ohms)
Sorties	AUDIO OUT (REC OUT): 200 mV (1 kohm) VIDEO OUT (MONITOR): 1 Vc-c (75 ohms) SUPER WOOFER. 1,2 V FRONT SPEAKERS IMP: 8Ω (enceintes avant A et B) accepte des enceintes de 8 ohms ou plus SURROUND SPEAKERS IMP: 8Ω (enceintes surround): accepte des enceintes de 8 ohms ou plus CENTER SPEAKER IMP. 8Ω. accepte des enceintes de 8 ohms ou plus. PHONES (jack stéréo): accepte un casque de 32 ohms ou plus
Coupure du son	–20 dB

F

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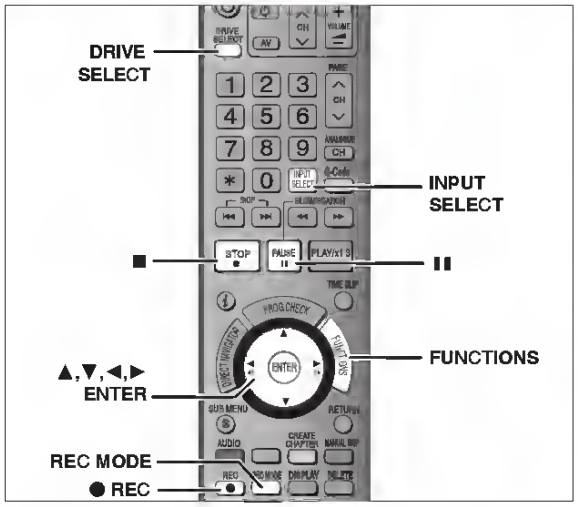
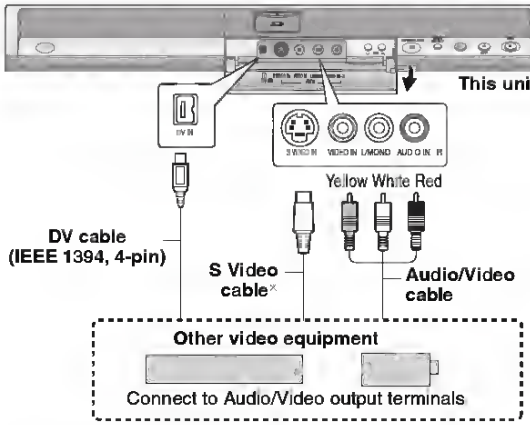


e.g., Connecting to the AV3 or DV input terminals on the front
You can also connect to the AV4 input terminals on the rear

- Turn off the unit and other video equipment before connecting.



If the audio output of the other equipment is monaural
Connect to L/MONO on the AV3 input terminals at the front

* The S VIDEO terminal achieves a more vivid picture than the VIDEO terminal.

When recording from the unit's DV terminal
Select the type of audio recording from "Audio Mode for DV Input" in the Setup menu (➡ 62)
When recording from DV equipment (e.g., digital video camcorder), you can record audio/video recordings from DV tape only.

Note
If it becomes time for a timer recording to start while copying, the recording will start and the copying will stop.

Manual recording

HDD RAM -R -RW(V) +R +RW

Preparation
- Press [DRIVE SELECT] to select the HDD or DVD drive.
- Press [REC MODE] to select the recording mode.
- When recording bilingual programmes (➡ 8, Important notes for recording)
- When the output signal from the external equipment is NTSC, change the "TV System" to "NTSC" in the Setup menu (➡ 67). This unit cannot record to discs containing both PAL and NTSC signals. (However, both types of programmes can be recorded onto the HDD.)
- To reduce noise in input from a video cassette recorder, set "AV-in NR" to "On" in the on-screen menu (➡ 39).
- Check the time on the unit is correct.

1 While stopped

Press [INPUT SELECT] to select the input channel for the equipment you have connected.
e.g., If you have connected to AV3 input terminals, select "AV3".

2 **Start play on the other equipment.**

3 When you want to start recording

Press [● REC].
Recording starts.

To skip unwanted parts
Press [❚❚] to pause recording. (Press again to restart recording.)

To stop recording
Press [■].

Almost all videos and DVD-Video on sale have been treated to prevent illegal copying. Any software that has been so treated cannot be recorded using this unit.

- Using Flexible Recording (➡ 25), you can record the content of a video cassette (approx. 1–8 hours) to a 4.7 GB disc with the best possible quality of recording without wasting disc space.

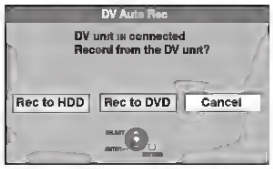
DV automatic recording (DV Auto Rec)

HDD RAM -R -RW(V) +R +RW

HDD RAM When the "DV Auto Rec" function is used, programmes are recorded as a title while at the same time chapters are created at each break in the images and the play list is created automatically.

Preparation
1 Turn off the main unit and DV equipment, then connect the equipment with the unit's DV input terminal (➡ left column).
2 Turn on the main unit and DV equipment.
3 Press [REC MODE] to select the recording mode.
4 Pause play of the DV equipment at the point you want recording to start.
- When the output signal from the external equipment is NTSC, change the "TV System" to "NTSC" in the Setup menu (➡ 67).

After preparation is completed, the following screen appears.



Press [◀, ▶] to select "Rec to HDD" or "Rec to DVD" and press [ENTER].

You can proceed to step 4.

- When the screen is not displayed, press [DRIVE SELECT] to select HDD or DVD and then continue from step 1.

1 While stopped

Press [FUNCTIONS].

2 **Press [▲, ▼] to select "To Others" and press [ENTER].**

3 **Press [▲, ▼] to select "DV Auto Rec" and press [ENTER].**

4 **Press [◀, ▶] to select "Rec" and press [ENTER].**
Recording starts.

When recording finishes
The confirmation screen appears. Press [ENTER] to finish DV automatic recording.

To stop recording
Press [■].

Note
- Only one piece of DV equipment (e.g., digital video camcorder) can be connected to the unit via the DV input terminal.
- It is not possible to operate the unit from the connected DV equipment.
- The DV input on this unit is for use with DV equipment only. (It cannot be connected to a computer, etc.)
- The DV equipment name may not be shown correctly.
- Depending on the DV equipment, the images or audio may not be input properly.
- The date and time information on the tape of the DV equipment will not be recorded.
- You cannot record and play simultaneously.

If the DV automatic recording function does not work properly, check the connections and DV equipment settings, and turn the unit off and back on.
If that does not work, follow the instructions for manual recording (➡ left column).

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To change the volume of the speakers directly

1 Press the VOLUME SELECT button on the remote control to select C (center) or S (surround).
2 Press the VOLUME control button to adjust the volume.
After 2 seconds, the buttons return to volume adjustment for the front speakers.

Para cambiar directamente el volumen de los altavoces

1 Presione el botón VOLUME SELECT del controlador remoto para seleccionar C (central) o S (perimétricos).
2 Presione el botón de control VOLUME para ajustar el volumen.
Después de 2 segundos, los botones volverá al ajuste del volumen de los altavoces delanteros

Pour changer directement le volume des enceintes

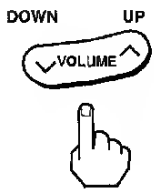
1 Appuyez sur la touche VOLUME SELECT sur la télécommande pour choisir C (centre) ou S (surround).
2 Appuyez sur la touche de réglage VOLUME pour ajuster le volume.
Au bout de 2 secondes, les touches reviennent au réglage de volume des enceintes avent.

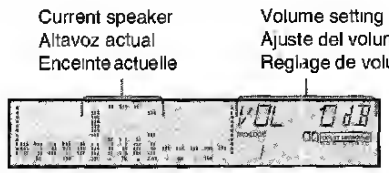
3 Adjust the volume of the current speaker.
Ajuste el volumen del altavoz actual.
Ajustez le volume de l'enceinte actuelle.

The volume should be adjusted so that the volume from the center speaker and the surround speakers is the same as that of the front (L/R) speakers. The volume range for the surround speakers is between –18 dB and +10 dBs in 1 dB increments, and –00 dB (– – –dB) for muted sound.

El volumen deberá ajustarse de forma que el nivel del altavoz central y de los altavoces perimetricos sea igual al de los altavoces delanteros (derechos/izquierdos). El margen de volumen para los altavoces perimetricos es de –18 dBs a +10 dBs en pasos de 1 dB y de –00 dB (– – –dB) para el sonido si lenciado.

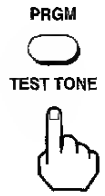
Le volume doit être réglé de manière que le volume de l'enceinte centrale et des enceintes surround soit le même que celui des enceintes avant gauche et droite.
La plage de reglage du volume pour les enceintes surround va de –18 dB à +10 dB, par incréments de 1 dB, et de –00dB (– – –dB) pour le silencieux.





The volume of the currently displayed speaker changes.
El volumen del altavoz actualmente visualizado cambiará.
Le volume de l'enceinte affichee change.

4 Press the PRGM/TEST TONE button.
Presione el botón PRGM/TEST TONE.
Appuyez sur la touche PRGM/TEST TONE.



Notes

- The volume settings for the center and surround speakers remain set until changed again.
- The volume of the front speakers (L/R) is chenged only with the VOLUME control.

Notas

- Los ajustes del volumen para los altavoces central y perimétricos permanecerán invariables hasta que vuelva a cambiarlos.
- El volumen para los altavoces delanteros (L/R) solamente podrá cembierse con el control VOLUME.

Remarques

- Le reglage de volume des enceintes centrale et surround reste le même tant que vous ne le changez pas.
- Le volume des enceintes avant gauche et droite ne peut être changé que par la commande VOLUME.

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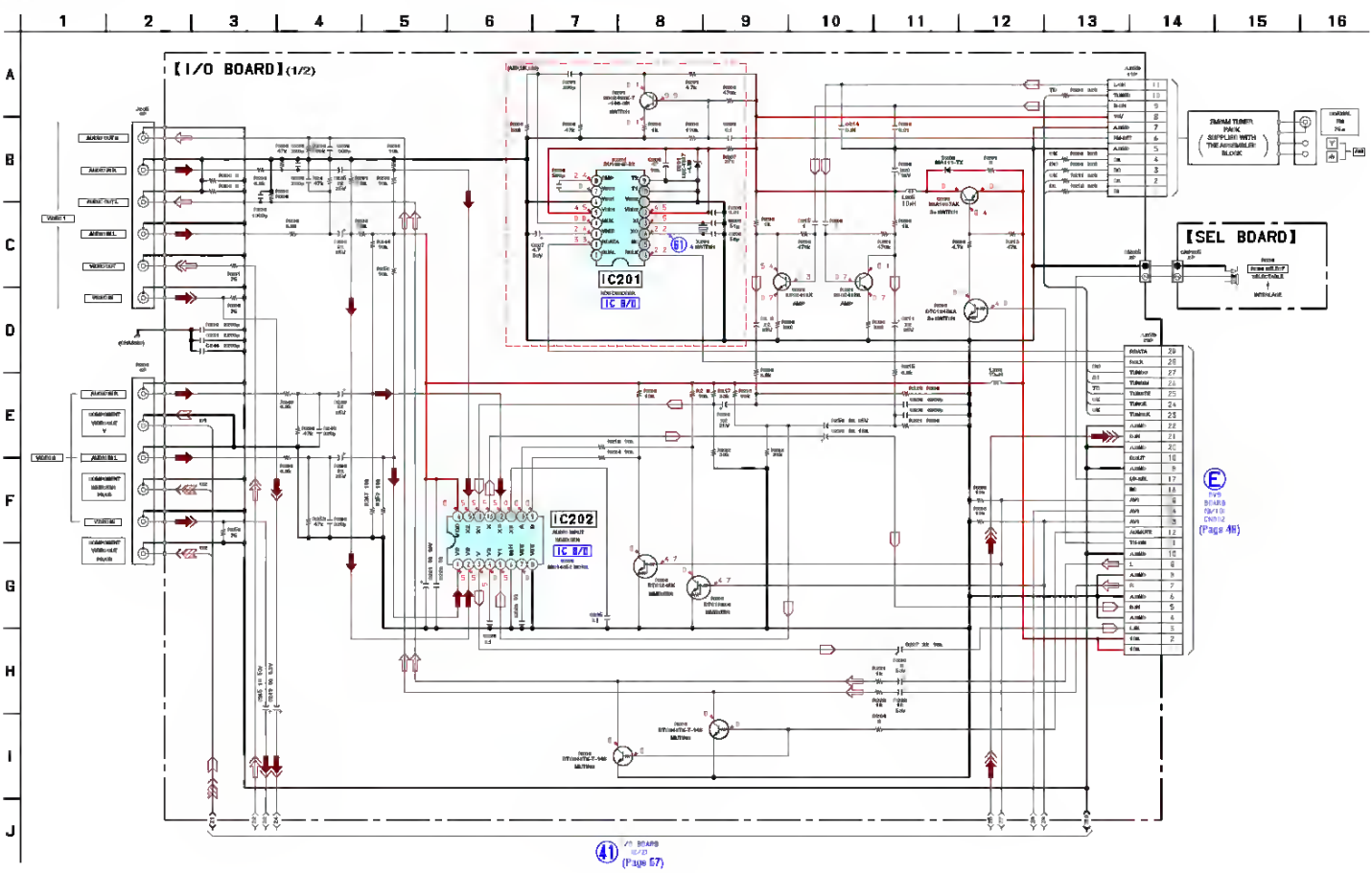
7-29 SCHEMATIC DIAGRAM – I/O Section (1/2) – • See page 67 for Waveform • See page 72 for IC Block Diagrams



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These look like metal strips on the battery. This might happen, for example, when you carry a spare battery in your pocket or purse. Short-circuiting the terminals may damage the battery or the connecting object.

Leaving the battery in hot or cold places, such as in a closed car in summer or winter conditions, will reduce the capacity and lifetime of the battery. Always try to keep the battery between 15° C and 25° C (59° F and 77° F). A device with a hot or cold battery may not work temporarily, even when the battery is fully charged. Battery performance is particularly limited in temperatures well below freezing.

Do not dispose of batteries in a fire as they may explode. Batteries may also explode if damaged. Dispose of batteries according to local regulations.Please recycle when possible. Do not dispose as household waste.

Replacing the battery

Replace the battery with the same type as that which came bundled with your product. Use of another battery may present a risk of fire or explosion.

Warning

Batteries may explode if not handled properly. Do not disassemble or dispose of them in fire. Keep them away from children. Follow local regulations when disposing of used batteries.

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Accelerator parity write errors: *n*

This message displays the number of times that write memory parity errors were detected during transfers between the IDA-2 board transfer buffer and memory on the array accelerator board.

If there are a number of these parity errors, you may need to replace the array accelerator board.

Accelerator status: Permanently disabled

The array accelerator board has been permanently disabled. It will remain disabled until it is reinitialized using the System Configuration Utility.

Check the Disable Code field. Run the System Configuration Utility to reinitialize the array accelerator board.

Accelerator status: Possible data loss in cache

Possible data loss was detected during power-up due to all of the batteries being below the sufficient voltage level and no presence of the identification signatures on the array accelerator board.

There is no way to determine if dirty or bad data was in the cache and is now lost.

Accelerator status: Temporarily disabled

The array accelerator board has been temporarily disabled.

Check the Disable Code field.

Accelerator status: Unrecognized status

A status returned from the array accelerator board that DAAD does not recognize.

Call your Authorized Compaq Reseller for the latest copy of DAAD.

Accelerator status: Valid data found at reset

Valid data was found in the posted write memory at re-initialization. The data will be flushed to disk.

This is *not* an error or data loss condition. No action needs to be taken.

Accelerator status: Warranty alert

A catastrophic problem has occurred with the array accelerator board. Refer to the other messages on the Diagnostics screen for the exact meaning of this message.

Replace the array accelerator board.

Battery pack *X* below reference voltage

The indicated battery pack is below the required voltage levels.

Allow sufficient time for the batteries to recharge (36 hours). If the batteries have not recharged after 36 hours, replace the battery pack.

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Running the Utilities from Diskette

- Run the utilities from their individual diskettes. If you have a utility diskette newer than the version on the SmartStart and Support Software CD, use that diskette.
- Create a diskette version of the utility from the SmartStart and Support Software CD.

To create diskette versions of the utilities from the CD:

1. Boot the Compaq SmartStart and Support Software CD.
2. From the Compaq System Utilities screen, select Create Support Software Disks then Next.
3. Select the diskette you would like to create from the list, then follow the instructions on the screen.

Running the Utilities from the Compaq SmartStart and Support Software CD

IMPORTANT: Only the System Configuration Utility and the Array Configuration Utility and the Array Diagnostic Utility can be executed from the Compaq SmartStart and Support Software CD. All other utilities must be executed from the Compaq system partition or from diskette.

To run these utilities directly from the Compaq SmartStart and Support Software CD:

1. Boot the Compaq SmartStart and Support Software CD.
2. From the Compaq System Utilities screen, select the utility you wish to run, then select Next.
   - To execute the System Configuration Utility, select Run System Configuration Utility.
   - To execute the Array Configuration Utility, select Run Array Configuration Utility.
   - To execute the Array Diagnostic Utility, select Run Array Diagnostic Utility.

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Compatibility modes

A. VGA Analog

1 VGA Analog - PC Signal

Modes	Resolution	V.Frequency [Hz]	H.Frequency [KHz]
VGA	640x480	60	31.47
	640x480	72	37.86
	640x480	75	37.50
	640x480	85	43.27
	640x480	119.51	61.60
5VGA	800x600	56	35.20
	800x600	60	37.88
	800x600	72	48.08
	800x600	75	46.88
	800x600	85	53.67
	800x600	119.85	77.20
XGA	1024x768	60	48.36
	1024x768	70	56.48
	1024x768	75	60.02
	1024x768	85	68.67
	1024x768	119.804	98.80
5XGA	1152x864	70	63.80
	1152x864	75	67.50
	1152x864	85	77.10
	1280x1024	60	63.98
	1280x1024	72	77.90
	1280x1024	75	79.98
	1280x1024	85	91.15
QuadVGA	1280x960	60	60.00
	1280x960	75	75.00
5XGA+	1400x1050	60	65.32
UXGA	1600x1200	60	75.00
PowerBook G4	640x480	60	31.50
PowerBook G4	640x480	66.6 (67)	35.00
PowerBook G4	800x600	60	37.88
PowerBook G4	1024x768	60	48.36
PowerBook G4	1152x870	75	68.68
PowerBook G4	1280x960	75	75.20
i Mac DV (G3)	1024x768	75	60.30

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NOTE: Microsoft® Reader is available only for the English and European Acer n30 models.

Using the Guidebook

The Guidebook contains all the information you'll need to use the Microsoft Reader.

To open the Guidebook:

- Tap Help on the Reader command bar.

  -or-

- On a book page, tap and hold on the book title, and then tap Help on the pop-up menu.

Getting books on your Acer n30

You can download book files from the Web. Just visit your favorite eBook retailer and follow the instructions to download the book files.

Sample books and a dictionary are also included in the MSReader folder in the Extras folder on the Acer n30 Handheld Companion CD.

Use ActiveSync to download the files from your computer to your handheld as described in the Read Me file in the MSReader folder.

Using the Library

The Library is your Reader home page; it displays a list of all books stored on your handheld or storage device.

To open the Library:

- On the Reader command bar, tap Library.

  -or-

- On a book page, tap the book title, and then tap Library on the pop-up menu.

Opening a book

- Tap a book title in the Library list.

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14. Remove the fixed brace.

Figure A.14 Removing the fixed brace

15. Unfasten the CD-ROM / PCMCIA slot cover.

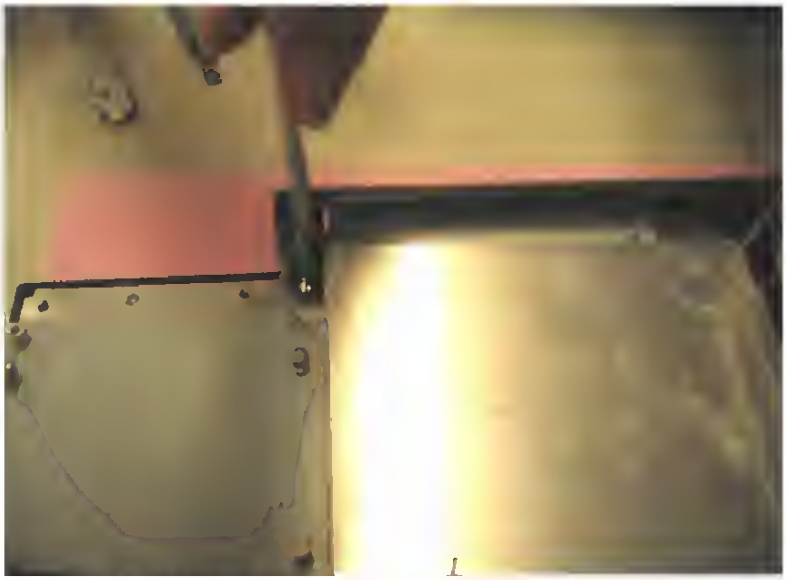

Figure A.15 Unfastening the CD-ROM / PCMCIA slot cover

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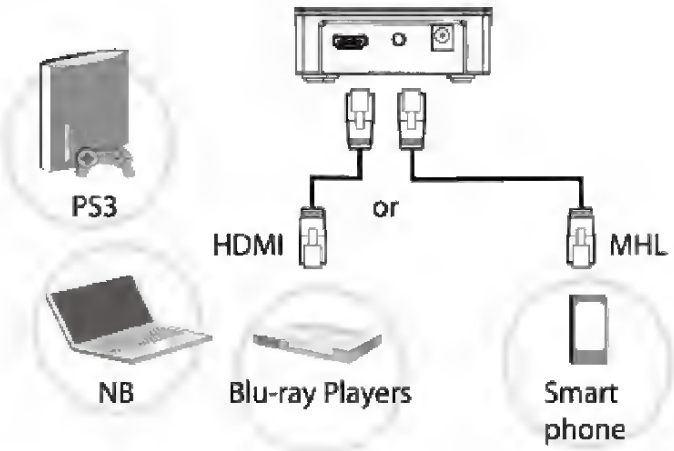
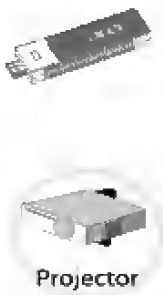
2. 連接接收器至投影機上的 HDMI/MHL 連接埠。從投影機來源清單選取 *WirelessHD*。

步驟 1 傳輸器 (MWIT1)



步驟 2 接收器 (MWIR1)



注意

- **為求最佳效能，MWIT1 與 MWIR1 應：**
  面對彼此，並放置於同個房間內。裝置間的距離不應超過 33 英尺 (10 公尺)。MWIT1 不應放置於櫥櫃或密閉的架上。
  請勿將裝置靠近金屬物體。
- **請不要忘記開啟投影機並確認其已正確設定。**

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Table 2-5 shows examples of processors installed using these guidelines.

Table 2-5
Examples of Processor Mixing by Cache Size

Example	Processors 1 and 2	Processors 3 and 4	Processors 5 and 6	Processors 7 and 8
1	1 MB	1 MB	1 MB	2 MB
	1 MB	1 MB	Terminator Board	2 MB
2	1 MB	2 MB	2 MB	Terminator Board
	1 MB	2 MB	Terminator Board	Terminator Board

With the bus/core ratio switches in the default position, the system ROM automatically detects the speed of processors installed on both processor buses. The processors automatically run at the speed of the slowest processor installed in the server.

The default setting for the bus/core ratio switches has all switches in the Off position. Compaq recommends that the bus/core ratio switches remain on the default setting to allow the system ROM to detect the correct speed automatically. If necessary, the bus/core ratio switches can be manually set to force processor speed settings. See "Processor Board Bus/Core Frequency Ratio Switch Settings" in Chapter 4 for manual bus/core frequency switch settings.

CAUTION: If the bus/core ratio switches are set to a speed higher than the slowest processor, the server will not boot. Failure to properly set the bus/core ratio switches could damage the server and void the warranty.

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Table 2–14 Floating-Point Control Register Fields (Continued)

Name	Extent	Type	Description
DNZ	[48]	RW	Denormal operands to zero. If this bit is set, treat all Denormal operands as a signed zero value with the same sign as the Denormal operand.
Reserved	[47:0][1]	—	—

[1] Alpha architecture FPCR bit 47 (DNOD) is not implemented by the 21264/EV67.

2.15 AMASK and IMPLVER Instruction Values

The AMASK and IMPLVER instructions return processor type and supported architecture extensions, respectively.

2.15.1 AMASK

The 21264/EV67 returns the AMASK instruction values provided in Table 2–15. The I_CTL register reports the 21264/EV67 pass level (see I_CTL[CHIP_ID], Section 5.2.15).

Table 2–15 21264/EV67 AMASK Values

21264/EV67 Pass Level	AMASK Feature Mask Value
See I_CTL[CHIP_ID], Table 5–11	307_{16}

The AMASK bit definitions provided in Table 2–15 are defined in Table 2–16.

Table 2–16 AMASK Bit Assignments

Bit	Meaning
0	Support for the byte/word extension (BWX) The instructions that comprise the BWX extension are LDBU, LDWU, SEXTB, SEXTW, STB, and STW.
1	Support for the square-root and floating-point convert extension (FIX) The instructions that comprise the FIX extension are FTOIS, FTOIT, ITOFF, ITOFS, ITOFT, SQRTF, SQRTG, SQRTS, and SQRTT.
2	Support for the count extension (CIX) The instructions that comprise the CIX extension are CTLZ, CTPOP, and CTTZ.
8	Support for the multimedia extension (MVI) The instructions that comprise the MVI extension are MAXSB8, MAXSW4, MAXUB8, MAXUW4, MINSB8, MINSW4, MINUB8, MINUW4, PERR, PKLB, PKWB, UNPKBL, and UNPKBW.
9	Support for precise arithmetic trap reporting in hardware. The trap PC is the same as the instruction PC after the trapping instruction is executed.

2.15.2 IMPLVER

For the 21264/EV67, the IMPLVER instruction returns the value 2.

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Timer gebruiken

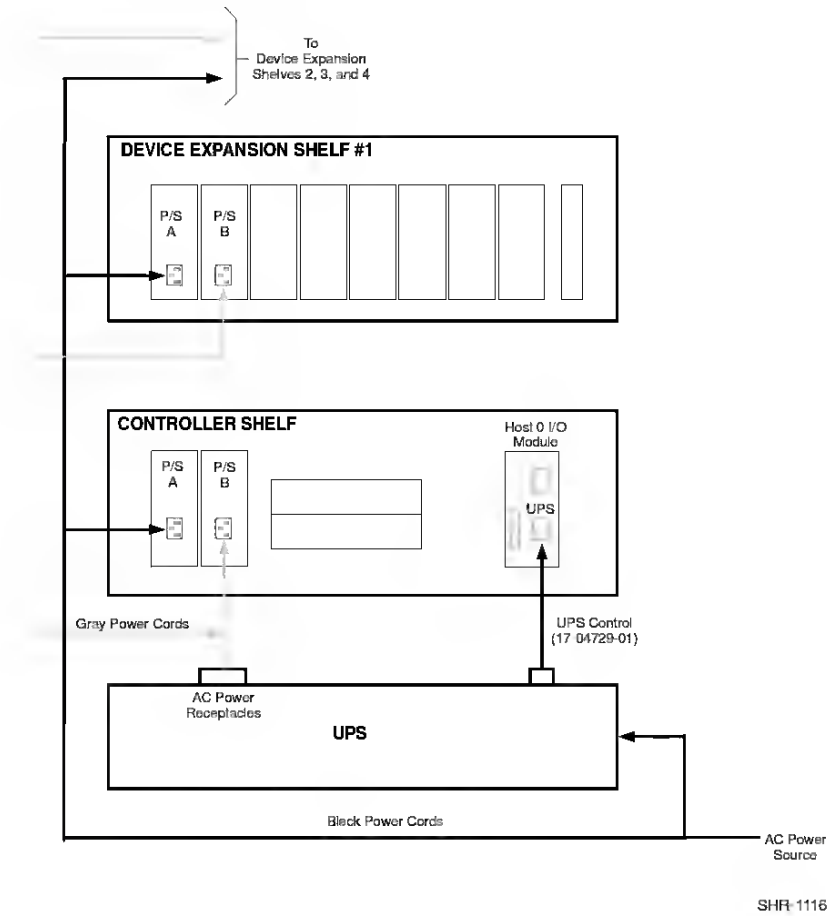
Alle kookzones kunnen tegelijk een van de beide Timerfuncties gebruiken.

Functie	Vereisten	Resultaat na verloop van de tijd
Automatische uitschakeling	bij een ingestelde kookstand	akoestisch signaal 00 knippert kookzone wordt uitgeschakeld
Kookwekker	bij niet gebruikte kookzones	akoestisch signaal 00 knippert

Als een kookzone wordt uitgeschakeld, dan wordt tevens de ingestelde Timerfunctie uitgeschakeld.

Als additioneel bij een ingestelde kookwekker bij deze kookzone een kookstand wordt ingesteld, dan wordt de kookzone na afloop van de ingestelde tijd uitgeschakeld.

Figure 3–10 AC Power Wiring Diagram



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SCSI Device Installation Guidelines

The following guidelines should be noted when adding SCSI devices:

- As a general rule, a maximum of seven devices may be added per controller. Because each server has different physical and configuration constraints, the maximum number of SCSI devices may vary for your server.
- The configuration switches on each hard drive must be set to the SCSI ID of the bay (Bay 0 = SCSI ID 0) that it will occupy.
- If only one SCSI hard drive is used, it should be installed in the lowest-numbered bay.
- Be sure to remove all terminating jumpers from third-party SCSI devices.
- Run System Configuration Utility after installing a drive.

Determining SCSI Cabling Requirements

Answer all of the following questions about the mass storage device you will be installing to determine SCSI information requirements.

1. Will the SCSI cabling need be internal or external. See the appropriate internal cabling or external cabling section in this chapter.
2. Will the Integrated Wide-Ultra SCSI-3 Controller be used? If yes, see the following section, "Internal SCSI Cabling of the Integrated Wide-Ultra SCSI-3 Controller," for SCSI cabling instructions.
3. Will a separate SCSI controller expansion board be used? If yes, see to option documentation supplied with the controller and to the cabling tables that follow for SCSI cabling instructions.

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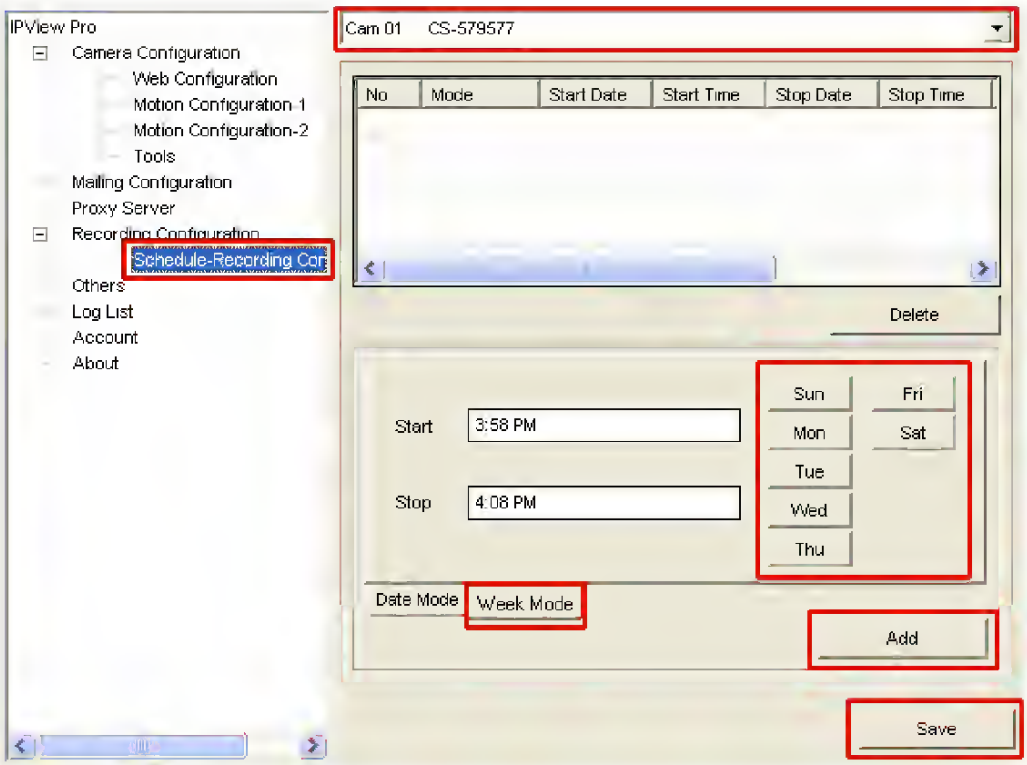
Week Mode



Select the desired camera from the drop-down menu.

Specify the **Start** and **Stop** time for each week and click on the **Days** of the week that you want to record and click **Add**.

Click **Save** to apply the changes.

At the **Record Button**, select **Schedule Record**.

Recording will begin at the scheduled time.

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CMOS

Message Displayed	Description
CMOS Date/Time Not Set	The CMOS Date and/or Time are invalid. This error can be resolved by readjusting the system time in AMIBIOS Setup.
CMOS Battery Low	CMOS Battery is low. This message usually indicates that the CMOS battery needs to be replaced. It could also appear when the user intentionally discharges the CMOS battery.
CMOS Settings Wrong	CMOS settings are invalid. This error can be resolved by using AMIBIOS Setup.
CMOS Checksum Bad	CMOS contents failed the Checksum check. Indicates that the CMOS data has been changed by a program other than the BIOS or that the CMOS is not retaining its data due to malfunction. This error can typically be resolved by using AMIBIOS Setup.

Miscellaneous

Message Displayed	Description
KBC BAT Test failed	Keyboard controller BAT test failed. This may indicate a problem with keyboard controller initialization.
Keyboard Error	Keyboard is not present or the hardware is not responding when the keyboard controller is initialized.
PS2 Keyboard not found	PS2 Keyboard support is enabled in the BIOS setup but the device is not detected.
PS2 Mouse not found	PS2 Mouse support is enabled in the BIOS setup but the device is not detected.
Keyboard/Interface Error	Keyboard Controller failure. This may indicate a problem with system hardware.
Unlock Keyboard	PS2 keyboard is locked. User needs to unlock the keyboard to continue the BIOS POST.
System Halted	The system has been halted. A reset or power cycle is required to reboot the machine. This message appears after a fatal error has been detected.
<INS> Pressed	Indicates that <INS> key is pressed during the BIOS POST. The POST will load and use default CMOS settings.
Password check failed	The password entered does not match the password set in the setup. This condition may occur for both Supervisor and User password verification.
Unknown BIOS error Error code = 004Ah	This message is displayed when ADM module is not present in the AMIBIOS8 ROM.
Unknown BIOS error Error code = 004Bh	This message is displayed when language module is not present in the AMIBIOS8 ROM.
Floppy Controller Failure	Error in initializing legacy Floppy Controller.

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16 Replacement Parts List

<Model: CS-V7BKPG / CS-V9BKPG / CS-V12BKPG>

REF. NO.	PART NAME & DESCRIPTION	QTY.	CS-V7BKPG	CS-V9BKPG	CS-V12BKPG	REMARKS
1	CHASSY COMPLETE	1	CWD50C1231	←	←	
2	FAN MOTOR	1	CWA921060	←	←	O
3	CROSS FLOW FAN COMPLETE	1	CWH02C1012	←	←	
4	BEARING ASS'Y	1	CWH64K007	←	←	
5	SCREW - CROSS FLOW FAN	1	CWH4580304	←	←	
6	EVAPORATOR	1	CWB30C1143	←	CWB30C1124	
7	FLARE NUT	1	CWH6002140(1/4")	←	←	
8	FLARE NUT	1	CWT25005 (3/8")	←	CWT25007 (1/2")	
9	INTAKE AIR SENSOR HOLDER	1	CWH32142	←	←	
10	DISCHARGE GRILLE COMPLETE	1	CWE20C2101	←	←	
11	VERTICAL VANE	12	CWE241068	←	←	
12	CONNECTING BAR	2	CWE261024	←	←	
13	AIR SWING MOTOR	1	CWA98259	←	←	O
14	LEAD WIRE - AIR SWING MOTOR	1	CWA67C3977	←	←	
15	CAP - DRAIN TRAY	1	CWH52C1001	←	←	
16	HORIZONTAL VANE	1	CWE241070	←	←	
17	PARTICULAR PIECE	1	CWD932162	←	←	
18	CONTROL BOARD	1	CWH102103	←	←	
19	TERMINAL BOARD COMPLETE	1	CWA28C2082	←	←	O
20	ELECTRONIC CONTROLLER - MAIN	1	CWA742779	CWA742780	CWA742781	O
21	LEAD WIRE - FAN MOTOR	1	CWA67C3729	←	←	
22	ELECTRONIC CONTROLLER - RECEIVER	1	CWA73C1124	←	←	O
23	SENSOR COMPLETE	1	CWA50C608	←	←	O
24	CONTROL BOARD FRONT COVER	1	CWH131090	←	←	
25	ELECTRONIC CONTROLLER - INDICATOR	1	CWE39C1063	←	←	O
26	LEAD WIRE - INDICATOR	1	CWA67C3724	←	←	
27	INDICATOR HOLDER	1	CWD932163	←	←	
28	CONTROL BOARD TOP COVER	1	CWH131091	←	←	
29	REMOTE CONTROL COMPLETE	1	CWA75C2161	←	←	O
30	FRONT GRILLE COMPLETE	1	CWE11C2329	←	←	
31	INTAKE GRILLE	1	CWE221036	←	←	
32	CONTROL PANEL	1	CWE312114	←	←	
33	DECORATION BASE (E)	1	CWE351067	←	←	
34	DECORATION BASE (L)	1	CWE351068	←	←	
35	GRILLE DOOR	1	CWE141033	←	←	
36	AIR FILTER	2	CWD001047	←	←	
37	SCREW - FRONT GRILLE	2	XTN4+16C	←	←	
38	CAP - FRONT GRILLE	2	CWH521062	←	←	
39	DRAIN HOSE	1	CWH85287	←	←	
40	INSTALLATION PLATE	1	CWH36K1006	←	←	
41	ANTI-VIBRATION BUSHING	1	-	-	CWH501023	
42	BAG COMPLETE - INSTALLATION SCREW	1	CWH82C067	←	←	
43	AIR PURIFYING FILTER	1	CWMD00C0001	←	←	O
44	SOLAR DEODORIZING FILTER	1	CWMD00C0002	←	←	O
45	PIPE SENSOR HOLDER	1	CWH32143	←	←	

(Note)

- All parts are supplied from MAICO, Malaysia (Vendor Code: 061).
- "O" marked parts are recommended to be kept in stock.

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Components	Model Name or Key Spec.	Acer P/N
	ODD TOSHIBA DVD-ROM HH DL 16X TS-H353C LF Black Bezel SATA (HF+Win7)	KV.01601.001
	GH-41F(H/F) Win7 non-Labelflash	KU.0160D.049
	DH-16AASH (H/F) Win7 non-Labelflash	KU.0160F.009
	ODD TOSHIBA Super-Multi DRIVE HH DL 16X TS-H653G LF Black Bezel SATA (HF+Win7)	KU.01601.007
	DH-4O3S Win7	KV.0040F.002
	ODD HLDS BD COMBO HH 6X CH10N Black Bezel SATA w/ WIN7	KO.0060D.004
	ODD HLDS BD COMBO HH 6X CH20N Black Bezel SATA HF + Win7	KO.0060D.005
	DH-6E2S Win7 non-Labelflash	KO.0060F.002
	ODD HLDS BD RW HH 6X BH30N Black Bezel SATA HF +Win7	KU.0060D.004
	ODD HLDS BD RW HH 6X BH20F Black Bezel SATA (Win7 FW)	KU.0060D.005
VGA		
	NV GT340 1GB DDR5 DVI+HDMI+VGA ATX (HYNIX)	VG.PCPT3.401
	NV GT330 2GB DDR2 DVI+HDMI+VGA ATX (SAMSUNG)	VG.PCPT3.301
	NV GT330 2GB DDR2 DVI+HDMI+VGA ATX (HYNIX)	VG.PCPT3.302
	NV GT320 1GB sDDR3 DVI+HDMI+VGA ATX (SAMSUNG)	VG.PCPT3.201
	NV GT320 1GB sDDR3 DVI+HDMI+VGA ATX (HYNIX)	VG.PCPT3.202
	NV 315 512MB sDDR3 DVI+HDMI+VGA ATX (SAMSUNG)	VG.PCPT3.151
	NV 315 512MB sDDR3 DVI+HDMI+VGA ATX (HYNIX)	VG.PCPT3.152
	GEFORCE 310 512MB DDR2 SAMSUNG (64BITS) VGA DVI HDMI ATX BRACKET ROHS	VG.PCPT3.101
	GEFORCE 310 512MB DDR2 HYNIX (64BITS) VGA DVI HDMI ATX BRACKET ROHS	VG.PCPT3.102
	HD5850 1GB (256BITS) GDDR5 SAMSUNG DVI DVI HDMI DP ATX BRACKET ROHS	VG.A5850.001
	HD5750 1GB GDDR 5 (128BITS) HYNIX DVI DVI HDMI DP W/ATX BKT ROHS	VG.APC57.501
	HD5570 1GB DDR 3 (128BITS) SAMSUNG DVI HDMI VGA W/ATX BKT ROHS	VG.APC55.701
	HD5450 512MB SDDR 3 (64BITS) SAMSUNG DVI HDMI VGA W/ATX BKT ROHS	VG.APC54.501
TV-Tuner		
	Avermedia H751-A TV Tuner Card PCIe Hybrid ATSC, S/W Encoder	TU.10500.045
	Avermedia H751-D TV Tuner Card PCIe Hybrid DVB-T, S/W Encoder	TU.10500.048
	Avermedia A750 TV Tuner Card PCIe DMB-TH Digital, w/i external antenna	TU.10500.063
Modem		

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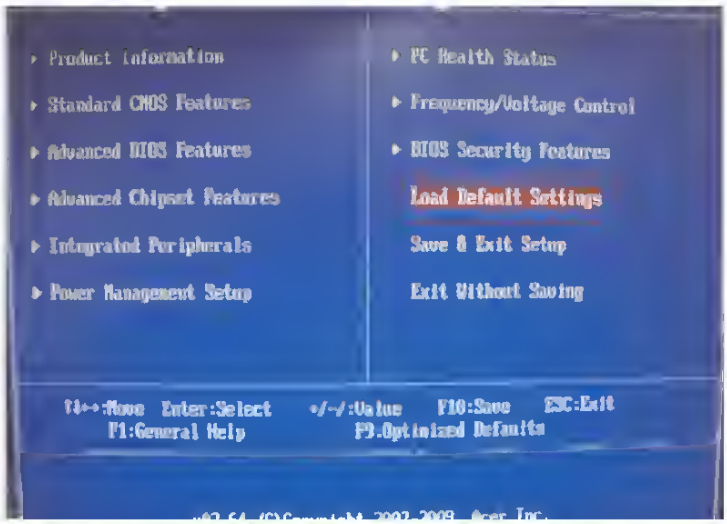
4. Press **Delete** to run the Setup Utility



5. In the Setup Utility, select **Load Default Settings**, then press **Enter**

6. Select **Ok**, then press **Enter**.
7. Select **Save & Exit Setup**, then press **Enter**.
8. Select **Ok**, then press **Enter**.

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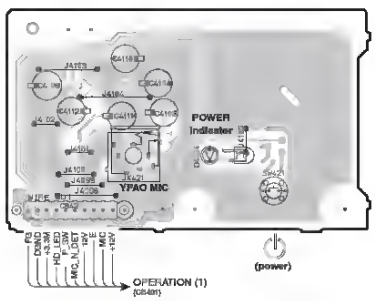
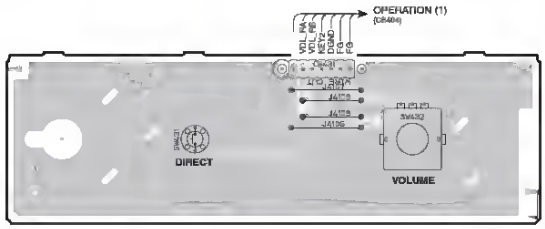
OPERATION (2) (Side A)



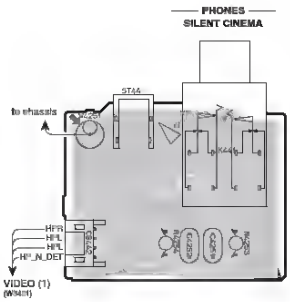
• Semiconductor Location

Ref no	Location
D4104	C3

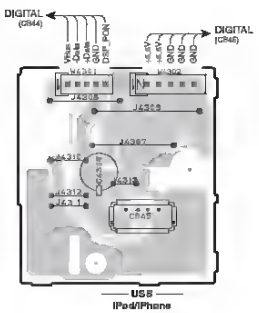
OPERATION (3) (Side A)



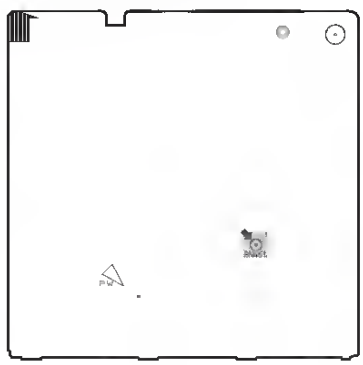
OPERATION (4) (Side A)



OPERATION (5) (Side A)



OPERATION (6) (Side A)



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Device Vibration Failure

If the vibrating alarm fails, perform the following, one at a time. Do not replace a non-defective FRU:

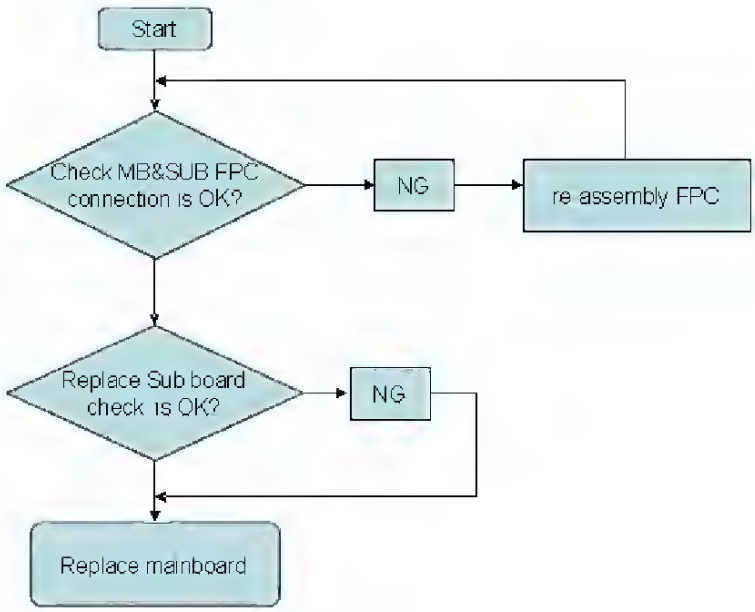

Figure 4-9 Device Vibration Failure

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Chapter 5

Server Configuration and Utilities

This chapter provides information about the utilities and tools provided with the Compaq ProLiant ML330e/ML330 server. The following tools and utilities are described in this chapter:

- BIOS Setup Utility for ProLiant ML330 Servers
- ROM Based Setup Utility (RBSU) for ProLiant ML330e Servers
- ROMPaq
- SmartStart
- Compaq Insight Manager
- SmartStart Diskette Builder
- Compaq Survey Utility
- Compaq Diagnostics Utility
- Automatic Server Recovery (ASR)

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Depending on the hardware and optional features installed in your computer, your system came bundled with several program utilities designed to streamline your computer's operations. These utilities may include any of the following:

- Acrobat® Reader™
- LANDesk Client Manager (LDCM)
- Norton AntiVirus
- NTI CD-Maker
- PowerDVD
- BIOS utility

All of the applications that came with your computer are very easy to use. However, if you need more help and information, you may refer to the online help documentation provided in each software application.

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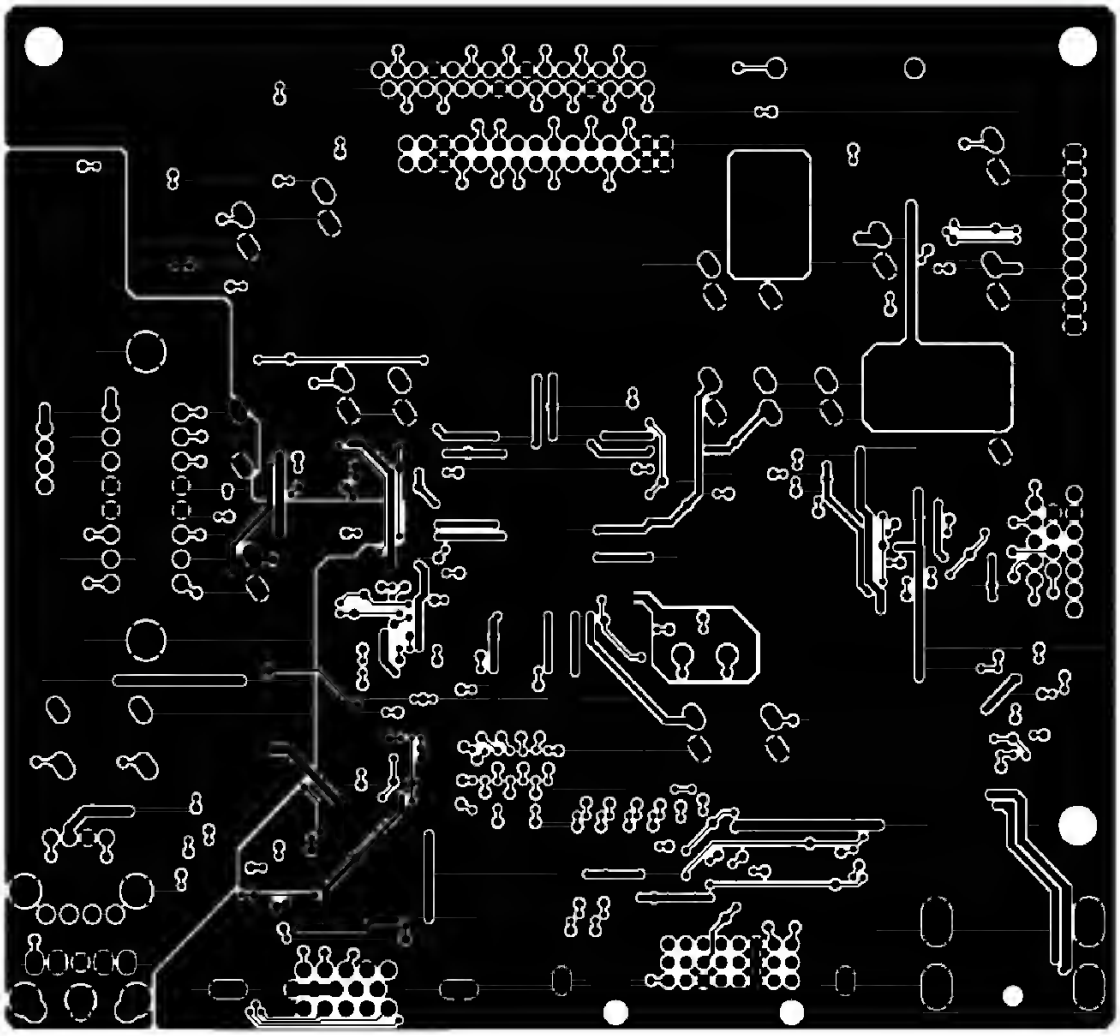


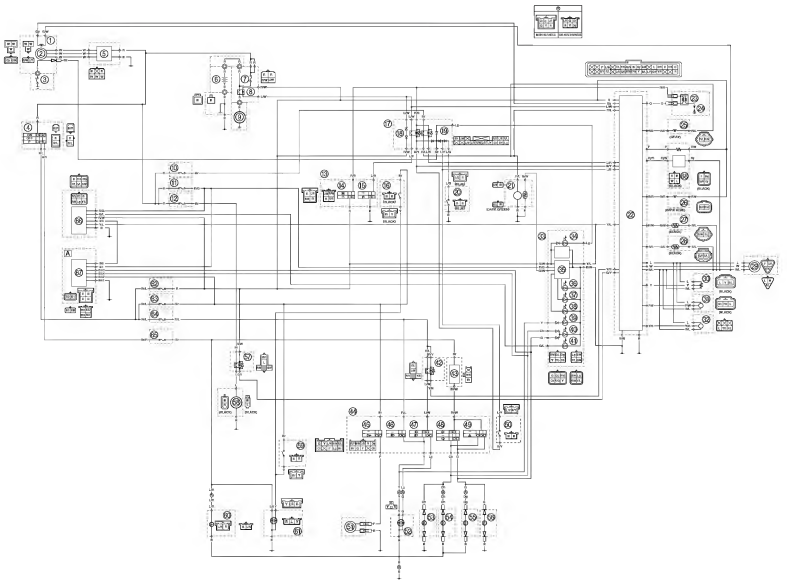
XT660R(W)/XT660X(W) 2007
WIRING DIAGRAM

XT660R(W)/XT660X(W) 2007
SCHÉMA DE CÂBLAGE

XT660R(W)/XT660X(W) 2007
SCHALTPLAN

XT660R(W)/XT660X(W) 2007
SCHEMA ELETTRICO

XT660R(W)/XT660X(W) 2007
DIAGRAMA ELÉCTRICO



This appendix lists the general notices for your computer.

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Table 3–5 Pin List Sorted by PGA Location (Continued)

PGA Location	Signal Name	PGA Location	Signal Name	PGA Location	Signal Name
G39	**SysData_L_37**	G41	**BcData_H_38**	G45	**BcData_H_104**
G5	**BcData_H_70**	G7	**SysData_L_5**	H10	**SysData_L_4**
H12	**SysData_L_3**	H16	**BcTag_H_21**	H18	**BcTag_H_29**
H22	**BcTag_H_42**	H24	**BcTagOE_L**	H28	**BcAdd_H_13**
H30	**BcAdd_H_21**	H34	**SysData_L_34**	H36	**SysDataOutClk_L_4**
H4	**BcData_H_72**	H40	**BcData_H_102**	H42	**BcData_H_103**
H6	**BcData_H_6**	J3	**BcData_H_8**	J41	**SysData_L_39**
J43	**BcDataOutClk_H_2**	J5	**BcDataOutClk_H_0**	K2	**BcData_H_9**
K38	**SysData_L_38**	K4	**BcDataOutClk_L_0**	K42	**BcDataOutClk_L_2**
K44	**BcData_H_40**	K8	**SysData_L_7**	L1	**BcData_H_75**
L3	**BcData_H_10**	L39	**SysCheck_L_4**	L43	**BcData_H_105**
L45	**BcData_H_106**	L7	**SysCheck_L_0**	M2	**BcData_H_11**
M38	**BcCheck_H_4**	M40	**SysData_L_40**	M44	**BcData_H_42**
M6	**SysData_L_8**	M8	**BcCheck_H_8**	N1	**BcData_H_76**
N39	**SysData_L_41**	N41	**BcData_H_41**	N45	**BcData_H_107**
N5	**BcData_H_74**	N7	**SysData_L_9**	P4	**SysDataInClk_H_1**
P40	**SysData_L_42**	P42	**BcData_H_43**	P6	**SysData_L_10**
R3	**BcDataInClk_H_1**	R41	**SysDataOutClk_L_5**	R43	**SysDataInClk_H_5**
T2	**BcData_H_12**	T38	**SysData_L_43**	T4	Spare
T44	**BcData_H_108**	T8	**SysData_L_11**	U1	**BcData_H_13**
U3	**BcData_H_77**	U39	**BcDataInClk_H_5**	U43	**BcData_H_44**
U45	**BcData_H_109**	U7	**SysDataOutClk_L_1**	V2	**BcData_H_14**
V38	Spare	V40	**SysData_L_44**	V44	**BcData_H_45**
V6	**SysData_L_13**	V8	**SysData_L_12**	W1	**BcData_H_79**
W39	**SysData_L_46**	W41	**SysData_L_45**	W45	**BcData_H_110**
W5	**BcData_H_78**	W7	**SysData_L_14**	Y4	**BcData_H_15**
Y40	**SysData_L_47**	Y42	**BcData_H_46**	Y6	**SysData_L_15**

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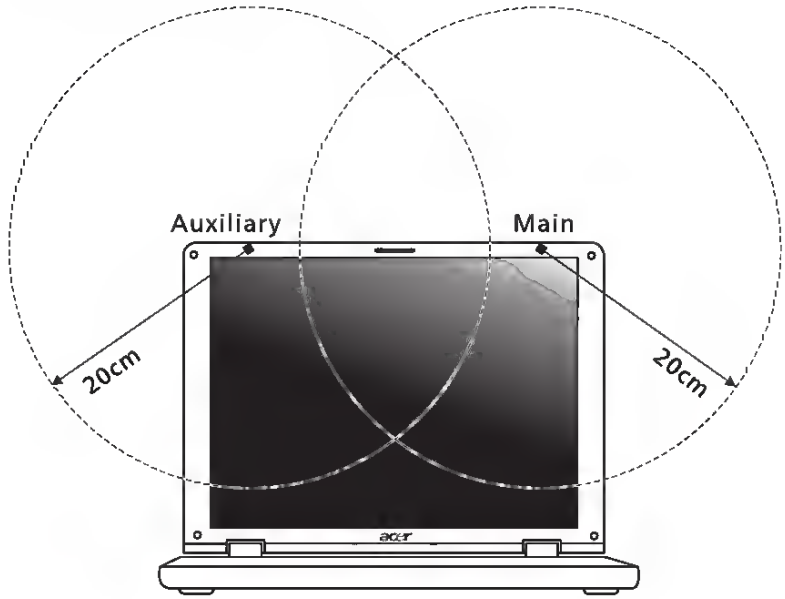
English

population; consult Safety Code 6, obtainable from Health Canada's Web site at www.hc-sc.gc.ca/rpb.



Note: Acer Wireless Mini PCI Adapter implements a transmission diversity function. The function does not emit radio frequencies simultaneously from both antennas. One of the antennas is selected automatically or manually (by users) to ensure good-quality radiocommunication.

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MUX MON, Rx from Customer

The Rx of the BERT receives data from the **RX MON** jack (**Figure C-5**). This data is 432 ohm copy of the data that the H2TU-C will receive from the customer and route to the Total Access shelf's MUX (network). The Tx of the BERT is not used. **This test is non-intrusive**.

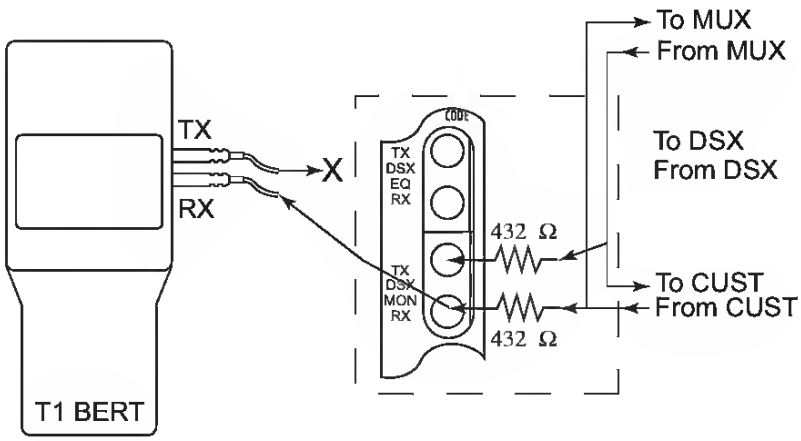

Figure C-5. MUX MON, Rx from Customer

MUX EQ, Tx to Network, Rx from the Network

The Tx of the BERT is connected to the **EQ TX** jack, and the Rx of the BERT is connected to the **RX EQ** jack (**Figure C-6**). The Tx of the BERT is then substituted for the data that the H2TU-C sends to the Total Access Shelf's MUX (network). The Rx of the BERT receives data directly from the MUX (network). The **MON TX** and **RX** jacks are 432 ohm impedance copies of the **EQ** jack **TX** and **RX**. **This test is intrusive**. Via the Test screen, ensure that the equipment jack is in the To Network mode. In the To Network mode, AIS (unframed all 1's) is sent in the customer direction.

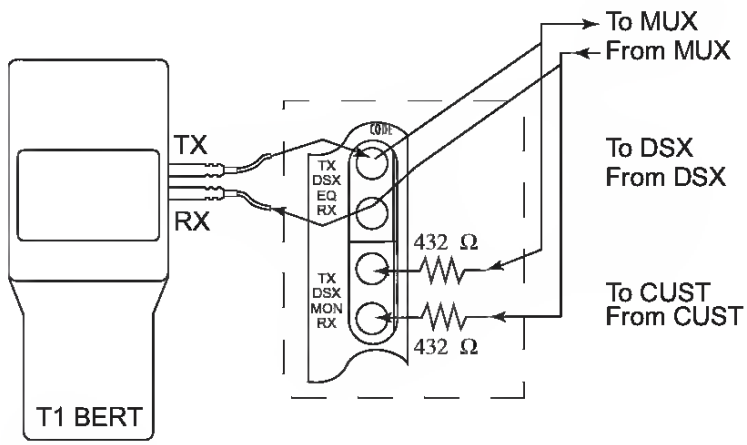

Figure C-6. MUX EQ, Tx to Network, Rx from Network

Category	Part Number	Acer P/N
	Keyboard LITE-ON SK-9620 PS/2 Standard 105KS Black Portuguese w/o eKey	KB.PS20B.076
	Keyboard LITE-ON SK-9620 PS/2 Standard 105KS Black Canadian French w/o eKey	KB.PS20B.077
	Keyboard LITE-ON SK-9620 PS/2 Standard 107KS Black Brazilian Portuguese w/o eKey	KB.PS20B.078
	Keyboard LITE-ON SK-9620 PS/2 Standard 105KS Black German w/o eKey	KB.PS20B.080
	Keyboard LITE-ON SK-9620 PS/2 Standard 105KS Black Italian w/o eKey	KB.PS20B.081
	Keyboard LITE-ON SK-9620 PS/2 Standard 105KS Black French w/o eKey	KB.PS20B.082
	Keyboard LITE-ON SK-9620 PS/2 Standard 105KS Black Swedish w/o eKey	KB.PS20B.083
	Keyboard LITE-ON SK-9620 PS/2 Standard 105KS Black UK w/o eKey	KB.PS20B.084
	Keyboard LITE-ON SK-9620 PS/2 Standard 105KS Black Dutch w/o eKey	KB.PS20B.085
	Keyboard LITE-ON SK-9620 PS/2 Standard 105KS Black Swiss/G w/o eKey	KB.PS20B.086
	Keyboard LITE-ON SK-9620 PS/2 Standard 105KS Black Belgium w/o eKey	KB.PS20B.087
	Keyboard LITE-ON SK-9620 PS/2 Standard 105KS Black Icelandic w/o eKey	KB.PS20B.088
	Keyboard LITE-ON SK-9620 PS/2 Standard 105KS Black Norwegian w/o eKey	KB.PS20B.089
	Keyboard LITE-ON SK-9620 PS/2 Standard 104KS Black Hebrew w/o eKey	KB.PS20B.090
	Keyboard LITE-ON SK-9620 PS/2 Standard 105KS Black Polish w/o eKey	KB.PS20B.091
	Keyboard LITE-ON SK-9620 PS/2 Standard 105KS Black Slovenian w/o eKey	KB.PS20B.092
	Keyboard LITE-ON SK-9620 PS/2 Standard 105KS Black Slovak w/o eKey	KB.PS20B.093
	Keyboard LITE-ON SK-9620 PS/2 Standard 104KS Black Russian w/o eKey	KB.PS20B.094
	Keyboard LITE-ON SK-9620 PS/2 Standard 105KS Black Hungarian w/o eKey	KB.PS20B.095
	Keyboard LITE-ON SK-9620 PS/2 Standard 104KS Black Greek w/o eKey	KB.PS20B.096
	Keyboard LITE-ON SK-9620 PS/2 Standard 105KS Black Danish w/o eKey	KB.PS20B.097
	Keyboard LITE-ON SK-9620 PS/2 Standard 104KS Black Czech w/o eKey	KB.PS20B.098
	Keyboard LITE-ON SK-9620 PS/2 Standard 105KS Black Romanian w/o eKey	KB.PS20B.099

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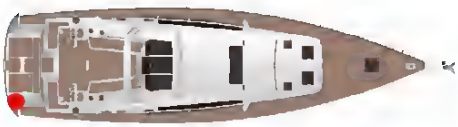
COCKPIT SHOWER SPRAY

Location

1. Mixer tap
2. Shower

SHORE FRESHWATER SUPPLY

Location



Selection valve -
Shore fresh water / On board water circuit
Location: Starboard saloon

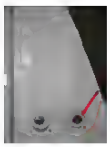
SEA WATER DECK WASH PUMP

Location

Pump for deck washing + Filter (Ref 1)

Seawater inlet (Ref 2)

Connection (Ref 3)



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Starting DAAD

To start DAAD:

1. Insert the DAAD diskette into drive A and reboot the system. If you are at the DOS prompt, enter the following:

   A:DAAD

2. A dialog box displays indicating the version of DAAD installed. Press the **Enter** key to continue, or press the **Esc** key to exit without continuing.

3. If you continue, a Please Wait panel displays indicating that DAAD is identifying the system parameters.

   DAAD gathers all the information it can from all of the array controllers in the system. The time it takes to gather this information depends on the size of your system.

CAUTION: Do not cycle the power because the utility must perform low-level operations that, if interrupted, could cause the controller to revert to a previous level of firmware if the firmware was soft-upgraded.

4. Another Please Wait panel displays to indicate that the utility is identifying the ROM version. When this is complete, the main DAAD screen displays.

   NOTE: To generate a DAAD report without starting the interactive portion of the utility, at the DOS prompt enter the following:

   DAAD *filename*

   where *filename* is the name of the file or report.

DAAD Diagnostic Messages

The following is a description of the diagnostic messages that may be displayed in the dialog box of the Diagnosis menu. Included with each message is a probable cause and a probable solution or troubleshooting routine.

To view the problems detected by DAAD, select the Diagnosis button. If DAAD found no problems, a message, "No Problems Detected," will display.

Accelerator board not detected

The array controller board did not detect the presence of a configured array accelerator board.

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PARTNAME	DESCRIPTION	ACER PART NO.
P4 631 (3 0G 2M 800FSB) C1	P4 631	KC DC001 631
Celeron D 352 (3 2G 512K 533FSB LGA775)	CD352	KC D0001 352
Core 2 Duo E4300(1 8G 2M 800FSB)L2	E4300	KC 43001 DE0
FAN SINK		
"ThermalFly CPU Cooler, V2 0, RoHS"	P300L	HI P300L 001
Foxconn cpu cooler PKP367G01U12 + Sunon 9225 4200rpm fan	PKP367G01U12	HI 3670C 001
System Fan KDE 1209/GP 92*92*25 (Rohs)	KDE1209PTV3	HI S150F 002
HARD DISK DRIVE		
250G SATA2 8MB 7200 NCQ ST3250824AS	ST3250824AS	KH 25001 005
300G SATA2 8MB 7200 NCQ ST3300822AS	ST3300822AS	KH 30001 008
160G SATA2 8MB 7200 NCQ ST3160812AS	ST3160812AS	KH 16001 018
80G SATA2 8MB 7200 NCQ HDS728080PLA380	HDS728080PLA380	KH 08007 010
250G SATA2 8MB 7200 NCQ HDT722525DLA380	HDT722525DLA380	KH 25007 007
320G SATA2 8MB 7200 NCQ HDT725032VLA380	HDT725032VLA380	KH 32007 001
250G SATA2 8MB 7200 NCQ WD2500JS-22NCB1	WD2500JS-22NCB1	KH 25008 015
320G SATA2 8MB 7200 NCQ WD3200JS-22PDB0	WD3200JS-22PDB0	KH 32008 009
IR DEVICE		
SMK IR blaster RWS900D-1301FP	SMK IR blaster RWS900D-1301FP	RV RWS07 001
SMK MCE receiver	SMK MCE receiver	LC MCE05 002
POINTING DEVICE		
"PS/2 optical mouse, SBF96, RoHS"	SBF96 (Black)	MS PS201 002
"Logitech M-SBJ96 PS2 Ball Mouse ,RoHS"	SBJ96 (Black)	MS SBJ01 003
"Logitech M-SBJ96 PS2 Ball Mouse ,RoHS, w/ STK Label"	SBJ96 (Black)	MS SBJ01 004
"USB optical mouse, N12ROU, RoHS"	N12ROU	MS N1204 001
KEYBOARD		
"USB optical mouse, MUV ACR1, (RoHS), w/ STK label"	M-UV	MS MUV01 005
"PS/2 Keyboard,KB2971,US Ver ,104KS(with eKey),RoHS"	KBP2971(black)	KB KBP03 215
"PS/2 Keyboard,KB2971,S Chinese Ver ,104KS(with eKey),(RoHS)"	KBP2971(black)	KB KBP03 217

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Hot-Plug Basket Insulator

To remove the hot-plug basket insulator:

1. Perform the preparation procedures. See "Preparation Procedures" earlier in this chapter.
2. Remove the top access panel. See "Top Access Panel" earlier in this chapter.
3. Remove the NC3131 Fast Ethernet NIC. See "I/O Expansion Boards" earlier in this chapter.
4. Remove the array controller with Extended SCSI. See "Array Controllers with Extended SCSI" earlier in this chapter.
5. Remove the Extended SCSI dividers. See "Extended SCSI Dividers" earlier in this chapter.
6. Remove any installed I/O expansion boards. See "I/O Expansion Boards" earlier in this chapter.
7. Disconnect cables for the power switch, the PCI Hot-Plug interface, and the fan and speaker.
8. Pull up on the hot-plug basket insulator tab to release the basket ❶. Then move the basket forward to release it from the keyholes.
9. Lift the hot-plug basket insulator out the top of the server ❷.

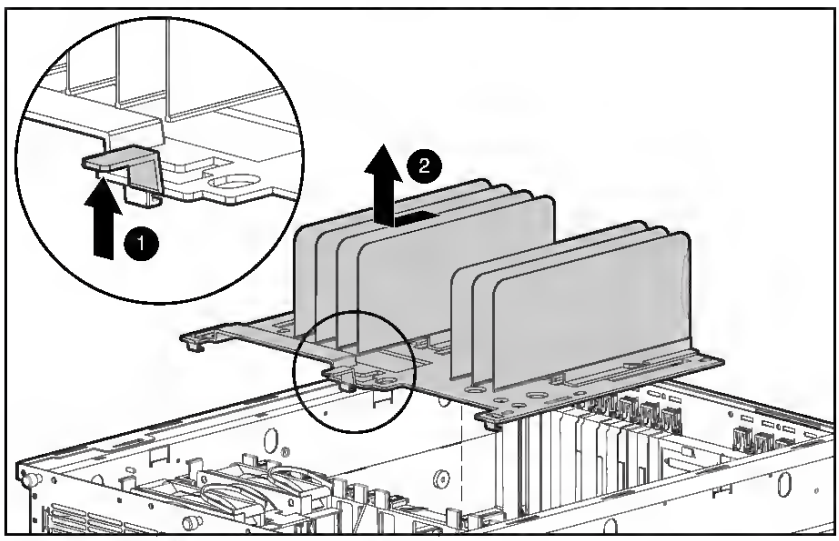

Figure 2-65. Removing the hot-plug basket insulator

Reverse steps 1 through 9 to replace the hot-plug basket insulator.

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Figure 5-4 shows the non-redundant Ethernet cluster interconnect components used in a two-node PDC/O1000 cluster. These components include a dual-port Ethernet adapter in each node. The top port on each adapter connects by Ethernet crossover cable to the top port on the adapter in the other node. The bottom port on each adapter connects by Ethernet cable to the client LAN switch or hub.

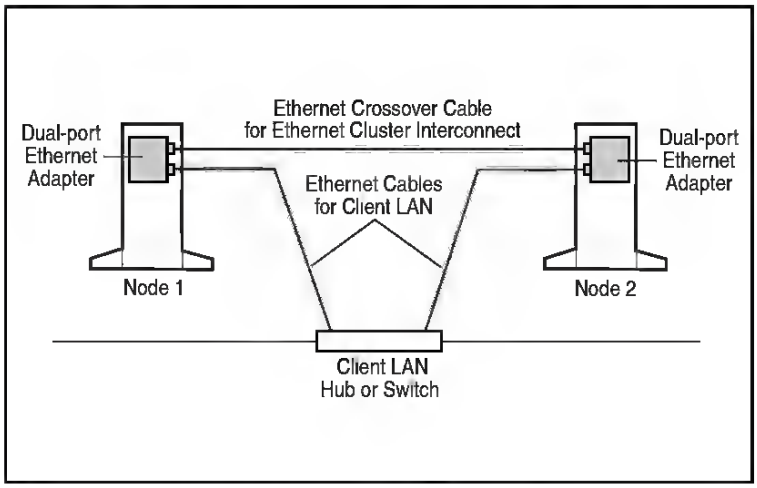

Figure 5-4. Non-redundant Ethernet cluster interconnect using a crossover cable

To connect two or more nodes in a non-redundant Ethernet cluster interconnect using an Ethernet switch or hub:

1. Install a standard Ethernet cable between an Ethernet adapter in one node and one Ethernet hub or switch.
2. Repeat step 1 for every other node in the cluster.

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Category	Part Number	Acer P/N
	Keyboard LITE-ON SK-9625S USB Standard 105KS Black Belgium with new color AC-MT-018	KB.USB0B.100
	Keyboard LITE-ON SK-9625S USB Standard 105KS Black Icelandic with new color AC-MT-018	KB.USB0B.101
	Keyboard LITE-ON SK-9625S USB Standard 105KS Black Norwegian with new color AC-MT-018	KB.USB0B.102
	Keyboard LITE-ON SK-9625S USB Standard 104KS Black Hebrew with new color AC-MT-018	KB.USB0B.103
	Keyboard LITE-ON SK-9625S USB Standard 105KS Black Polish with new color AC-MT-018	KB.USB0B.104
	Keyboard LITE-ON SK-9625S USB Standard 105KS Black Slovenian with new color AC-MT-018	KB.USB0B.105
	Keyboard LITE-ON SK-9625S USB Standard 105KS Black Slovak with new color AC-MT-018	KB.USB0B.106
	Keyboard LITE-ON SK-9625S USB Standard 104KS Black Russian with new color AC-MT-018	KB.USB0B.107
	Keyboard LITE-ON SK-9625S USB Standard 105KS Black Hungarian with new color AC-MT-018	KB.USB0B.108
	Keyboard LITE-ON SK-9625S USB Standard 104KS Black Greek with new color AC-MT-018	KB.USB0B.109
	Keyboard LITE-ON SK-9625S USB Standard 105KS Black Danish with new color AC-MT-018	KB.USB0B.110
	Keyboard LITE-ON SK-9625S USB Standard 104KS Black Czech with new color AC-MT-018	KB.USB0B.111
	Keyboard LITE-ON SK-9625S USB Standard 105KS Black Romanian with new color AC-MT-018	KB.USB0B.112
	Keyboard LITE-ON SK-9625S USB Standard 105KS Black Turkish with new color AC-MT-018	KB.USB0B.113
	Keyboard LITE-ON SK-9625S USB Standard 105KS Black Spanish Latin with new color AC-MT-018	KB.USB0B.114
	Keyboard LITE-ON SK-9625S USB Standard 105KS Black Turkish-O with new color AC-MT-018	KB.USB0B.115
	Keyboard LITE-ON SK-9625S USB Standard 105KS Black Arabic/French with new color AC-MT-018	KB.USB0B.116
	Keyboard LITE-ON SK-9625S USB Standard 104KS Black Kazakh with new color AC-MT-018	KB.USB0B.117
	Keyboard LITE-ON SK-9625S USB Standard 104KS Black Turkmen with new color AC-MT-018	KB.USB0B.118
	Keyboard LITE-ON SK-9625S USB Standard 105KS Black Nordic with new color AC-MT-018	KB.USB0B.119
	Keyboard LITE-ON SK-9625S USB Standard 105KS English/ Canadian French with new color AC-MT-018	KB.USB0B.201
	Keyboard LITE-ON SK-9625S USB Standard 105KS Black Czech/Slovak with new color AC-MT-018	KB.USB0B.197
	Keyboard LITE-ON SK-9625S USB Standard 109KS Japanese with J1 layout & new color AC-MT-018	KB.USB0B.200

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Table 4-5: Enclosure Management Commands *continued*

Command	Description	Restrictions
`SET ENCLOSURE ASSET {TAG} <asset tag>`	Changes the enclosure asset tag	Only enclosure administrators may execute this command. The <asset tag> must be 1-31 characters long and includes alphanumeric, dash, and underscore characters. The default enclosure asset tag is blank. To set a blank asset tag, specify the blank value using quotes.
`SET ENCLOSURE NAME <enclosure name>`	Changes the enclosure name	Only enclosure administrators may execute this command. The <enclosure name> must be 1-32 characters long and includes all alphanumeric, the dash, and the underscore characters. The default enclosure name is IA-MAC where MAC is replaced with the actual MAC address.
`SET ENCLOSURE UID [ON | OFF]`	Turns the enclosure Unit Identification LED on or off	Only enclosure administrators may execute this command.
`SET RACK NAME <rack name>`	Sets the name for the rack where the enclosure resides	Only enclosure administrators may execute this command. The <rack name> must be 1-32 characters long and includes all alphanumeric, dash, and underscore characters. The default rack name is "UnnamedRack."
`SHOW CONFIG`	Displays the script required to recreate the settings of the enclosure Passwords are not included for any user.	Only enclosure administrators may execute this command.

continued

Non-Redundant Ethernet Cluster Interconnect Components

The following components are used in a non-redundant Ethernet cluster interconnect:

- One Ethernet adapter in each cluster node
- Ethernet cables and a switch or hub
  - For two-node PDC/O2000 clusters, you can either use one Ethernet crossover cable or one 100-Mbit/second Ethernet switch or hub and standard Ethernet cables to connect the two servers.
  - For PDC/O2000 clusters with three or more nodes, you use one 100-Mbit/second Ethernet switch and standard Ethernet cables to connect the servers.

Redundant Ethernet Cluster Interconnect Components

The following components are used in a redundant Ethernet cluster interconnect:

- Two Ethernet adapters in each cluster node
- Ethernet cables and switches or hubs
  - For two-node PDC/O2000 clusters, you can use two 100-Mbit/second Ethernet switches or hubs with cables to connect the servers.
  - For PDC/O2000 clusters with three or more nodes, you use two 100-Mbit/second Ethernet switches connected by Ethernet cables to a separate Ethernet adapter in each server.

NOTE: In a redundant Ethernet cluster configuration, one Ethernet crossover cable must be installed between the two Ethernet switches or hubs that are dedicated to the cluster interconnect.

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FC interface controller problems

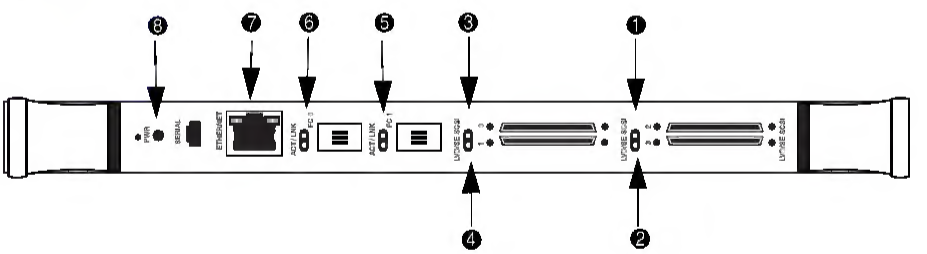
Most problems occur during the initial installation of the interface controller. Before proceeding with advanced troubleshooting techniques, verify all connections and review the configuration.

LED indicators

The LED indicators on the e2400-160 FC and e2400-FC 2GB interface controllers are useful for diagnosing various problems:

- ***SCSI bus* LEDs (e2400-160 FC interface controller only)** — indicate SCSI activity. These indicators are lit during power on, configuration, and when the unit is transferring data. If the SCSI indicator stays continually lit without any corresponding FC LED activity, it may indicate a problem with the SCSI bus configuration. Verify the SCSI bus configuration.
- ***FC port* LEDs** — indicate FC activity (ACT) and link (LNK) status. If the link LED does not light it may indicate a problem with a FC link. Verify the FC port configuration and cabling.
- ***Ethernet* LEDs** — indicate activity and link status. If one of these indicators does not light or stays continuously lit, it may indicate a problem with the network connection or cabling. Verify the network connection. The port must be connected to a 10/100BaseT Ethernet network to function properly.

See Figure 37 for LED locations and functions on the e2400-160 FC interface controller.



❶ SCSI bus port 2 LED
❷ SCSI bus port 3 LED
❸ SCSI bus port 0 LED
❹ SCSI bus port 1 LED
❺ FC port 0 LED
❻ FC port 1 LED
❼ Ethernet port LED
❽ Interface controller LED

Figure 37: e2400-160 FC interface controller illustration

11. At the server prompt *Save the Configuration and Restart the Computer*, select **OK=Enter**. The changes that have been entered will not be displayed on the Display Panel until the computer is rebooted. Standard Integrated Management Display fields are defined later in this chapter.

12. In older versions of the System Configuration Utility installed on some hard drives, the user will be asked to upgrade its system partition. The System Configuration Utility should be upgraded at this time.

Customizing the Integrated Management Display Fields

Many of the fields shown on the Integrated Management Display can be customized. The following sections define each of the menu choices and include examples of some fields.

Idle Screen Text

After the display has been idle for five minutes, the Integrated Management Display shows the following default screen text:

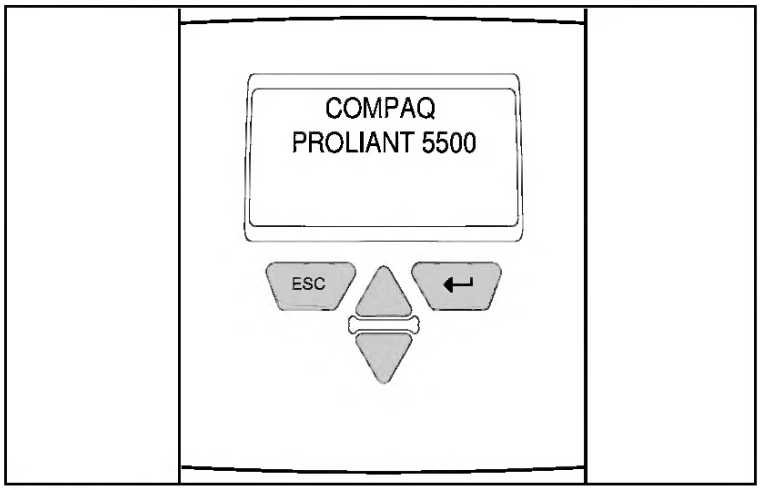


Figure 6-3. Idle Screen text

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Troubleshooting with the Error Message Table

Error Message	Cause	Solution
# 2 **Head Move Error**	This is a problem with the Printhead Lift.	Reset the Printer and try again. • If this problem persists, call for technical assistance.
# 8 **Head Sensor Error**	The Printhead Temperature Sensor is not functioning or is not connected properly. **OR** The Printhead is not cooling properly.	Reset the Printer and try again. • If the problem persists, call for technical assistance.
# 9 **Reboot Required**	Unspecified system error detected by the Printer Firmware.	Reset the Printer and try again. • If this problem persists, call for technical assistance.
# 25 **Ribbon not Installed**	A Ribbon is not installed in the Printer.	Install a Ribbon and retry.
# 30 **Mag Verify Error**	Magnetic encoding verification failure.	• Try encoding with a different card. • Verify cards have the Magnetic Stripe. • Replace the Magnetic Encoding Module.

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